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### SELECTIONS

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PHYSICIANS' PRESCRIPTIONS



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## SELECTIONS

FROM

# PHYSICIANS' PRESCRIPTIONS

CONTAINING

LISTS OF THE TERMS, PHRASES, CONTRACTIONS, AND ABBREVIATIONS USED IN PRESCRIPTIONS, WITH EXPLANATORY NOTES; THE GRAMMATICAL CONSTRUCTION OF PRESCRIPTIONS; RULES FOR THE PRONUNCIATION OF PHARMACEUTICAL TERMS; A PROSODIACAL VOCABULARY OF THE NAMES OF DRUGS, ETC.; AND A SERIES OF ABBREVIATED PRESCRIPTIONS ILLUSTRATING THE USE OF THE PRECEDING TERMS

To which is added

### A KEY

CONTAINING THE PRESCRIPTIONS IN AN UNABBREVIATED FORM, WITH A LITERAL TRANSLATION

for the Use of Medical Pharmacentical Students

BY JONATHAN PEREIRA, M.D., F.R.S.

EIGHTEENTH EDITION

J. & A. CHURCHILL
H NEW BURLINGTON STREET
1890

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### PREFACE

TO

### · THE EIGHTEENTH EDITION.

IIn the preparation of the edition of this work which is now presented to the boublic, the matter has been carefully revised, and such alterations and additions made as were found to be required for the continued fulfilment of its original objects. The last publication of the British Pharmacopæia rendered some changes necessary, especially in the names of medicines, and further changes have now been made in the same direction for the purpose of introducing some new forms of medicine. The nomenplature has been made to correspond with that of the present Pharmacopæia,

but certain authorised synonyms have been retained so that the student may be familiar with the nomenclature now official, and with other forms of expression which are still employed in medical practice. The object, however, of this little work is not merely to represent the prevailing mode of prescribing medicines according to the instructions of Pharmacopæias which continue in authority, but to explain and illustrate the use of terms which are commonly used or may be occasionally met with in extemporaneous prescriptions, and a knowledge of which is required alike by medical and pharmaceutical students. The prescriptions contained in the second and third parts of the work are intended to represent such as are met with in general practice.

Jan. 1890.

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### PART I.

### CNERAL REMARKS ON PRESCRIPTIONS.

### CHAPTER I.—DEFINITIONS.

medicine the term prescription (præscriptio, com præ before, and scribo I write; ordonnance, cench; Verordnung, Germ.; ἀναγραφή\*) is usually plied to the written directions of a physician or regeon for the preparation and use of remedies. The terms formula (the diminutive of forma form; formule, French; Vorschrift, Formel, erm.), and receipt (recepta; † recette, French; zcept, Germ.), or recipe (from recipe, take thou), we a more limited acceptation, and are applied the directions given for the preparation and use pharmaceutical remedies or medicines.

Feesius, Economia Hippocratis.
Recepta is a barbarous term. Du Cange also mentions,

A physician prescribes blood-letting, bathing, exercise, &c., as well as medicines; but he uses formulæ for the preparation of medicines only.

Formulæ are of two kinds,—extemporaneous or magistral, and official. Extemporaneous formulæ (formulæ magistrales) are so ealled because they are constructed by the practitioner on the instant, "ex tempore." Official formulæ (formulæ officinales) are those published in pharmacopæias, or by some other authority.\* Official preparations are presumed to be kept ready for use.

Formulæ are either simple or compound. A simple formula (formula simplex) consists of only one official (either simple or compound) preparation. A compound formula (formula composita) consists of two or more official preparations.

The principal medicine in a formula is called the (1) basis; that which promotes or assists the action of the basis is termed the (2) auxiliary (adjuvans); that which corrects some objectionable quality of the other ingredients is named the (3) corrective (corrigens); and lastly, that which gives a proper form to the whole is denominated

<sup>\*</sup> In France, the term ordonnance is applied to a magistral formula, and the term formule to an official one.

ne (4) vehicle (constituens, excipiens, vel vehicuim). These four parts of a formula are intended accomplish the object of Asclepiades—"curare to, tuto ct jucunde;" in other words, to enable ne basis to cure (1) quickly (2), safely (3), and leasantly (4).

### CHAPTER II.—HISTORICAL NOTICE.

The most ancient recipes on record are those nentioned in the Pentateuch for the preparation an odoriferous ointment and confection.\*

Their date is 1491 years B.C.

About 2000 years ago, formulæ for the preparaon of antidotes (ἀντίδοτα, antidota) or countervisons (antitoxica) were in use among the reeks.†

<sup>\*</sup> Exodus xxx, 23-25 and 34-35.

<sup>†</sup> Antidotes against the bite of poisonous animals were lled treacles (θηριακά, theriaca); whilst those which acted ainst poisons taken inwardly were termed alexipharmics λεξυφάρμακα alexipharmaca). The most celebrated antite of antiquity was that called mithridate (μιθριδάτειον, thridatum), after Mithridates VI., King of Pontus (about 132–63). It was modified by Andromaehus, physician to ro (A.D.54-68), and was then termed theriaca Andromachi icander (who flourished B.C. 185 or 135) wrote two poems out poisons; one called Θηριακά, the other termed λεξυφάρμακα.

Scribonius Largus, a Roman physician who lived about the middle of the first century after Christ, wrote a work entitled *Compositiones Mediea*, which contains nearly 300 medical formulæ taken from various authors. It is the oldest pharmacopæia extant; but its style is inelegant.

Galen, who lived A.D. 130-200 or 201, wrote two treatises On the Composition of Medicines,  $\Pi \epsilon \rho \lambda \Sigma \nu \nu \theta \epsilon \sigma \epsilon \omega s$   $\Phi \alpha \rho \mu \dot{\alpha} \kappa \omega \nu$ , containing a considerable number of formulæ for the preparation of compound medicines.

Sabur, the son of Sahel (Sábúr Ibn Sahel), the director of the medical school of Ionídásbúr (Nishapoor), is said to have published, in the 9th century A.D., the first Arabic dispensatory or Karábádin, but it is not now extant.

The first official British pharmacopæia was that published by the Royal College of Physicians of London, A.D. 1618. It was entitled Pharmacopæia Londinensis, in qua Medicamenta antiqua et nova usitatissima collecta, opera Medicorum Collegii Londinensis. Lond. 1618. The last edition was published in 1851. It was superseded, as also were the Edinburgh and Dublin Pharmacopæias, by the British Pharmacopæia of 1867.

### CHAPTER III.

### F THE PARTS OF A PRESCRIPTION.\*

The parts of a prescription or formula are the ading, the designation of the ingredients to be ted, the directions to the compounder, and the rections to the patient. At the bottom of the rescription are placed, on the left hand, the me of the patient and the date (in separate tes); and, on the right hand, the signature of the prescriber. Custom varies in this respect. In ancient times every prescription or formula ad, at its commencement, certain characters, breviations, or sentences of a superstitious or the sum of the first and last letters of the Greek phabet, Christ being designated the "Alpha and

der is referred to H. D. Gaubii Libellus de Methodo connandi Formulas Medicamentorum, Lugd. Batav. 1739; 3tia, 1767. An English translation of this work was pubhed under the title of A Complete Extemporaneous Dispenory; or, the Method of Prescribing, Compounding, and hibiting Extemporaneous Medicines, 2nd edit. 1742.—See to Paris's Pharmacologia, 9th ed. 1843; and Phæbus's undbuch der Arzneiverordnungslehre, 3ttc Ausg., 1839.

Omega, the beginning and the ending," Rev. i. 8); C. D. (cum Deo); J. D. (juvante Deo); L. D. (laus Deo); N. D. (nomine Dei); J. J. (juvante Jesu), &c. These constituted the invocation, or, as it was called, the inscription (inscriptio).

- 1. The heading (præpositio).—The symbol R, or abbreviated word Rec. (Recipe, take thou), usually commences every formula; \* but in French prescriptions the letter P., or the word Prenez (take), is generally substituted.
- 2. Designation of the ingredients to be employed (materiæ designatio).—Two points are worthy of consideration here: first, the order in which the ingredients are to be taken; and secondly, the mode of writing them.
- a. With respect to the *order* in which the ingredients are taken, it may be observed that
  - 1. Each ingredient should have a distinct line.
  - 2. The basis should be placed first, then the auxiliary, afterwards the corrective, and lastly the vehicle.

<sup>\*</sup> For some remarks on this symbol, see the chapter on Symbols and Signs.

- β. With respect to the mode of writing, the following points should be kept in view:—
  - 1. The writing should be plain and legible.
  - 2. The orthography should be that which is customary, "to avoid the sneering of an apothecary or his man" (Gaubius).
  - 3. Abbreviations, though admissible, must be cautiously used, to avoid the possibility of error.
  - 4. Symbols or signs must be carefully made.
  - 5. The ingredients should be designated by their Latin names. (In some cases the barbarous Latin name is to be preferred to the scientific Latin name, when there is a possibility of mistake on the part of the compounder.)
  - 6. The quantities indicated, if by weight, either in avoirdupois grains, ounces, and pounds, or in apothecaries' weights; if by measure, in minims, fluid drachms, fluid ounces, and pints, as now used in the British Pharmacopæia.
  - 3. The directions to the compounder.—The directions to the apothecary or compounder as to the form, manner of preparation, and method

of use constitute what Gaubius calls the *sub-scription* (subscriptio). They are always written in Latin: for example, "misce; fiat mistura."

4. The directions to the patient.—These constitute what Gaubius terms the signature (signatura). This part of the prescription declares the dose, method, and time of administration; the proper vehicle, regimen, &c.,—as far, at least, as relates to the sick patient and his attendants. It is sometimes preceded by the letter S., or the word Signatur (i.e. "let it be entitled").

This part of the prescription is sometimes written in English (see p. 10).

- 5. The patient's name.—This is always written in English.
- 6. The date.—This is written in Latin. The day of the month is generally put in Roman numerals, and the year of the Christian era frequently in common or Arabic figures: c.g. "Novembris IV". 1850."
- 7. The sign-manual or signature.—Physicians usually sign their initials\* only to a prescription,

<sup>\*</sup> By the Apothecaries Act of 1815, it is enacted that if any person using or exercising the art and mystery of an

except when they prescribe for members of the Royal Family, when it is etiquette for them to sign their names in full. Surgeons usually put their surname at length, but only the initials of their baptismal names.

### CHAPTER IV.

### LANGUAGE USED IN PRESCRIPTIONS.

In Great Britain, as well as in Germany,\* prescriptions are usually written in the Latin language. In France, and some other countries, the mother-tongue is employed.

There are several reasons for preferring the Latin to the vernacular language in prescriptions,—at least, for the designation of the in-

\* See Phoebus's Handbuch der Arzneiverordnungslehre,

3tte verbess. Ausg. 1er Th. S. 99.

apothecary shall refuse to compound, or deliberately or negligently, falsely, unfaithfully, fraudulently, or unduly make any medicines, compound medicines, or medicinable compositions, "directed by any prescription, order, or receipt, signed with the initials, in his own handwriting," of any physician licensed to practise physic by the president and commonalty of the faculty of physic in London, or by either of the two Universities of Oxford or Cambridge, such person shall forfeit for the first offence 51, for the second offence 101, and for the third offence shall forfeit his certificate or license to practise as an apothecary.

gredients to be employed, and for the directions to the compounder.

"If not spoken, it is written and understood throughout the civilised world; and that cannot be said of any other language. An invalid travelling through many parts of Europemight die before a prescription written in English could be interpreted." Moreover, Latin professional terms are concise and definite. Furthermore, the Latin names for drugs and chemicals are the same, or nearly so, all over Europe: whereas the vernacular names differ for each nation,—nay, sometimes for each province. Lastly, it is sometimes necessary or advisable to conceal from a patient the precise nature of the remedies which are employed.

These reasons, however, do not equally apply to the use of the Latin language for writing the directions to the patient; for as these are intended for the use of the patient or his attendant, and as, sooner or later, he must have them in English, there does not appear any advantage to be gained in practising a temporary concealment by writing them in a dead language. On the contrary, there are several

<sup>\*</sup> Paris's Pharmacologia, 9th ed. p. 105, 1843.

weighty objections to this practice, -such as the embarrassment which some prescribers\* feel in giving in good and intelligible Latin the requisite directions for the patient; the imperfect or limited acquaintance with the Latin language possessed by many dispensers or compounders of medicines; and lastly, the difficulty, and in some cases impossibility, of finding concise and intelligible English words which are the exact equivalents of many Latin professional termst not unfrequently used in prescriptions. By throwing on the compounder the responsibility of expressing in appropriate language, and in the brief compass of a label, the exact intentions of the prescriber, in a language which the latter did not use, we greatly augment the risk of errors and mistakes.‡

\* I once heard an eminent hospital surgeon confess his inability to write in Latin the directions to the patient.

† On this subject, see some pertinent observations by Mr. Donovan, in the London Medical Gazette for Sept. 1, 1848.

<sup>†</sup> For example, larunx, fauces internæ, fauces externæ, ingulum, abdomen, hypogastrium, hypochondrium, pervigitium, accessio or accessus, &c. Many Latin terms in frequent use are vagne and ambiguous: as pro re nata, urgente dolore, urgente tussi. The apotheeary of Her Majesty Queen Char'otte, consort of George III., was on one occasion much embarrassed how to translate into intelligible and decent English the phrase "urgente borborygmo," which occurred in a prescription written by the late Sir Francis Milman.

In writing Latin prescriptions, the student should endeavour to imitate the style of Celsus, "our greatest and almost only authority in everything relating to medical Latinity:" for no physician would think of writing a prescription in English terms derived from Shakspeare, Milton, Johnson, Scott, or Byron; nor a prescription in Latin terms drawn from the works of Roman poets or historians. The correct use of medical terms can only be obtained by studying the works of standard medical authors.

All the Medical Colleges formerly published their pharmacopeias in the Latin language. But the French Codex,\* and the American,† Greek,‡ Edinburgh,§ and Dublin || Pharmacopæias, have for many years been printed in the vernacular language, and the British Phar-

<sup>\*</sup> Codex Medicamentarius: Pharmacopée française rédigée par ordre du Gouvernement. Paris, 1866. 8vo.

<sup>†</sup> The Pharmacopaia of the United States of America. By Authority of the National Medical Convention held at Washington. 8vo.

<sup>† &#</sup>x27;Ελληνική Φαρμακοποιία. 'Εν 'Αθήνις, 1837.—Pharmacopæia Græca. Athenis, 1837.

<sup>§</sup> The Pharmacopæia of the Royal College of Physicians of Edinburgh, Edinburgh, 1841, 12mo.

<sup>||</sup> The Pharmacopæia of the King and Queen's College of Phusicians in Ireland, M.D.CCC.I..

macopœia, which has superseded the two lastnamed, is published in English.

There is an obvious advantage to the natives of a country in having a pharmacopæia in their mother-tongue; but, for the use of foreigners, the Latin language would be more convenient. Hence in some countries, as Greece, the pharmacopæia is published in both Latin and the vernacular language. In the *Pharmacopæia of the United States of America* for 1831, this plan was adopted; but in the edition of this work published in 1842, and in subsequent editions, the English language has been exclusively employed.

### CHAPTER V.—TERMS AND PHRASES EM-PLOYED IN PRESCRIPTIONS.

SECT. 1.—De sanguinis mis- Of General Bloodsione \* generali.† letting.

On the chronology and literature of blood-letting, consult Versuch einer Chronologie und Literatur nebst einem System der Blutentziehungen. Aus den vorzüglichsten Werken geschöpft von Dr. Carl Fried. Nopitsch. Nürnberg, 1833.

<sup>† &</sup>quot;The propriety of this and all similar words as applied to blood-letting, notwithstanding the opinion of Dr. Gregory, that 'Sanguinis missio non inepte vocatur generalis,' when it is intended that its effects should be general, I must consider to be very questionable. They seem to signify that a man is to be pricked all over for the purpose of drawing

<sup>1</sup> Sanguis, Cels. <sup>2</sup> Cruor,\* <sup>1</sup> Blood (in the ves-Cels. 3 Grumus. sels). <sup>2</sup>Gore (blood from a wound or ulcer).—3Grume (a clot, as of blood).

Sanguinis missio, detractio, Blood-letting. CELS. T

Sanguinem 'mittere, 2detra- To let blood (1 to let here, <sup>3</sup> extrahere, CELS.; —4 emittere, PLINY; <sup>5</sup> elicere, Cic.

or send, 2 detract or abstract, 3 extract, 4 let out or emit, 5 to elicit or draw out).

Sanguinem amittere, per- To lose blood. dere.

Sanguinem supprimere, To staunch or stop

blood from him, rather than anything relative to the effects

of bleeding."-Horce Subsecivee.

\* Occasionally the word ervor is met with in prescriptions instead of sanguis. These two terms agree in denoting blood, but differ in respect to the state in which that fluid is. Sanquis refers to it as eirenlating through the veins, and ministering to the existence of animal life. It is applied also to that which is allowed to flow by a surgical operation. Cruor differs from sanguis in never denoting blood confined and circulating in the voins, but such as is shed, and no longer subservient to the support of animal life: in other words, gore. The same fluid which, in coming from the vein, is called sanguis (blood), is afterwards denominated cruor (gore).

Thus Celsus applies the word cruor to the blood discharged from the bowels in dysentery, from the kidneys in injuries

of these glands, from ulcers in the ears, &c.

† De re medica, lib. ii. cap. 10.

Cels.; -- sistere, cohibere, PLINY.

Sanguinem incisa vena mit- To let blood by an tere, Cels.

Phlebotomia,\* phleboto- Phlebotomy. mice, Aurel. - 2 Venæsectio; venæ incisio.

Phlebotomiam adhibere; <sup>2</sup> phlebotomare, Aurel.

Venam incidere, CELS.; - 1 To cut into a vein; <sup>2</sup>pertundere, Juv.; - <sup>3</sup>ferire. VIRG.;—secare.—'Venam vein;—'s to wound cultello solvere, Crc. - or cut a vein. -

blood. To suppress hæmorrhage.

incised vein.

<sup>2</sup> Venesection.

<sup>1</sup> To use phlebotomy; 2 to phlebotomize.

-2 to perforate a

<sup>\*</sup> Φλεβοτομία, from φλεβός, the genitive ease of φλέψ a vein, and τέμνω I cut. The student will observe that Celsus never employs the term phlebotomia, nor any of its derivatives. Cicero has "incidere venam, quod medici phlebotomare dieunt."—Phlebotomy was first practised by Podalirius, B.C. 1184. (Le Clerc, Hist. de la Méd. liv. i. ch. 18.) The operation is said to have been learned from the hippopotamus. "For he finding himself over-grosse and fat, by reason of his high feeding so continually, getting forth of the water to the shore, having espied afore where the reeds and rushes have been newly cut; and where he seeth the sharpest cane and best pointed, hee setteth his body hard to it, for to prick a certaine veine in one of his legges, and thus by letting himselfe bloud, maketh evacuation, whereby his bodie, otherwise enclining to diseases and maladies, is well eased of the superfluous humor: and when he hath thus done, he stoppeth the orifice again with mud, and so stancheth the blond, and healeth up the wound." (Pliny, The Historie of the World. Translated by P. Holland, M.D. Book viii. ch. 26.)

- <sup>5</sup> Venas sanguine exonerare.
- <sup>1</sup> Sanguinem, incisâ arteriâ, mittere, Cels.—<sup>2</sup> Arteriotomia.\*— <sup>3</sup> Fiat sectio arteriæ temporalis.
- 'Sanguinem mittere ex brachio, -2 juxta talum, ex utroque crure, Cels.†

- <sup>4</sup>To open a vein by a knife.—<sup>5</sup> To unload the veins of blood.
- <sup>1</sup> To let blood by an incised artery.—
  <sup>2</sup>Arteriotomy.—
  <sup>3</sup>Let the section of the temporal artery be made.
- <sup>1</sup>To take blood from the arm,—<sup>2</sup> from both legs near the ankle.

† Phlebotomy is practised in various parts of the body;

as-

1st. In the arm: this is the part usually selected for the operation of phlebotomy. At the bend of the arm there are four veins; the Vena basilica, V. cephalica, V. basilica mediana, and V. cephalica mediana, any one of which may be opened; one of the two latter, however, is commonly selected. In the fore-arm, where the operation is occasionally performed, there are three veins—the V. mediana major, the V. cubitalis interna, and the V. radialis externa, any one of which may be opened.

2ndly. In the hand: occasionally, in fat subjects, this part

<sup>\*</sup> From  $\dot{\alpha}\rho\tau\eta\rho\dot{\alpha}$  an artery, and  $\tau\epsilon\mu\nu\omega$  I cut. The ancients did not understand the use of the arteries and veins. Cieero says—"Sangnis per venas in omne corpus diffunditur, et spiritus per arterias." Aretæus, who lived in the first eentury after Christ, is the earliest surgeon known to have practised this operation. Celsus (lib. ii. eap. 10) speaks of "arteria ineisa" as an accident which may attend the operation of phlebotomy.

Si vires ægri patiuntur; If the patient's 2si vires sinunt, CELS.— strength allows <sup>3</sup>Permittentibus viribus, it; 2if the strength AUREL. suffers it .- 3The strength permitting.

Defectio animi, CELS.; A fainting fit or leipothymia; \* deliquium swoon.

animi. Syncope. †

Usque ad animi defectum, Until fainting.

is chosen. The operation may be performed in the V. salvatellu (salvatella quasi salvator being opened as a sovereign remedy in Melaneholia), running from the little finger, or in the V. cephalica pollicis.

3rdly. In the foot: in France the operation is very frequently performed in this part; it may be done in the V. saphena (or saphæna) externa (or s. minor), or in the

V. saphena interna (or s. major).

4thly. In the neck: it may be done in the V. jugularis externa.

5thly. In the penis: it may be done in the V. dorsalis penis. 6thly. In the tongue: in the V. ranina. This locality is

now rarely selected. \* Leipothymia (λειποθυμία, from λείπω, deficio, I leave; and θυμός, animus, the mind) is considered by Cælius Aurelianus (Acut. Morb. lib. i. eap. 10) to be synonymous with defectio animi. Syneope is a more violent and dangerous form of this affection (vide Castelli, Levicon Medicum). "The leipothymia of Sauvages," says Dr. M. Good, "is only syncope in its first attack or mildest degree."

† Syneope (συγκοπή, from συγκόπτω, concido, to fell or eut down) is of the feminine gender, and is thus declined: N. Syncope, G. Syncopes, D. Syncope, Aee. Syncopen, V. Syn-

cope, Abl. Syncope.

AUREL. Usque ut liquerit Until fainting. animus.

Semperque ante finis faci- An end is always to endus est, quam anima deficiat, CELS.

lecto,— <sup>1</sup>Collocare in <sup>2</sup>ut dormiat,—<sup>3</sup> supinus,\* Cels.;—'erectus.†

be put to it before fainting occurs.

To put to bed,-2that the patient may go to sleep, -3supine (i.e. laid on the back),-<sup>4</sup>erect.

Bene largo canali,† Cels. In a full stream.— Pleno rivo.§—2Ex largo vulnere.

<sup>2</sup>From a large wound [i.e. incision or orifice].

Scalpellus, Cels. Phlebo- A scalpel or lancet;

<sup>\*</sup> Patients are bled while in the recumbent posture, to avoid syncope. The practice of bleeding them to fainting in this posture, as recommended by Mr. Wardrop, is highly dangerous.

<sup>†</sup> Dr. Marshall Hall (Introd. Lect. to a Course of Lectures on the Practice of Physic, p. 36) employs blood-letting as a means of diagnosis. He places the patient upright and looking upwards, and bleeds to incipient syncope: "in inflammation, much blood flows; in irritation, very little."

<sup>†</sup> This phrase is applied by Celsus (lib. i. cap. 4) to a

stream of water.

<sup>§</sup> Rivus is usually translated "a river;" but it means literally "a stream," e.g. "sanguinis rivus," "a stream of blood." Pliny (Hist. Nat. lib. ix. cap. 88, cd. Valp.) calls the veins "sanguinis rivi." Virgil (En. lib. ix. v. 455) has "plenos spumanti sanguine riros."

<sup>||</sup> Celsus (lib. ii. cap. 10) employs the word scalpellus to

tomum vel phlebo- an instrument to tomon,\* AUREL.— Lanceola; lancetta.

Fascia ;- 2fascia lintea, 1A fillet, roller, or CELS.

Ligatura.

Penicillum (vel penicillus), A tent or pledget.— CELS. — 2Deligandumque brachium superimposito bound up, and a expresso ex aquâ frigidâ penicillo,† CELS.

Incidatur vena sic ut ne san- Let a vein be cut

let blood with.

bandage; — <sup>2</sup> a linen bandage. A ligature.

<sup>2</sup>The arm is to be pledget wrung out of cold water laid on it.

guis effluens lambat t into, so that the

designate the instrument used in phlebotomizing: "At si timide sealpellus demittitur, summam eutem lacerat, neque venam incidit." Seultetus (Armamentarium Chirurgicum, p. 49, Lugd. Batavornm, 1693) describes the lancet thus: Scalpellus rectus est et ex utraque ineidens lanceola dietus."

<sup>\*</sup> Phlebotomum (φλεβοτόμον, the neuter singular of φλεβοτόμος, adj. venam incidens, that opens a vein) includes both the phleme used in veterinary surgery, and the lancet.

<sup>†</sup> In this sentence Celsus (lib. ii. eap. 10) obviously uses the word penicillus to signify a pledget; but on some occasions he employs it to indicate a tent introduced into a wound to keep it open, as in the following: "Exigua penicilla interponenda" (lib. vii. cap. 7).

Lambere signifies to lop, to lick as a dog does; and, figucatively, to run or flow gently by, as in the following from Horace (Curm. I. xxii. 7):-

cutem. verum rectè liberèque prosiliat.

blood which flows out may not trickle (or flow) down the skin, but gush out directly and freely.

Ad 3 — tantum, — To — ounces only, saltem.\* -at least.

SECT. 2. — De sanguinis Of Local Bloodmissione locali. letting.

Cucurbitula, † Cels.; —2Cu-1A cucurbital or curbita, Aurel. Cucurbita ventosa, Juv. † Cucurbita medicinalis, PLINY.

cupping-glass; -<sup>2</sup>a cucurbit cupping-glass.

### vel quæ loca fabulosus Lambit Hydaspes;

" or the countries through which the fabulous Hydaspes glides [or flows gently]."

\* The student should be careful not to confound saltem

(at least) with saltim or per saltum (by leaps).

† Cucurbitula, a cueurbital or cupping-glass, is a diminutive of cucurbita, a gourd, and was so called on account of its shape. Cucurbita is also employed to indicate the cucurbit used in cupping. The term cucurbitulæ is applied to small cucurbits (i.e. eucurbitals). These vessels were formerly made of brass (or eopper) and of horn (Celsus, lib. ii. eap. 11), and to these it is obvious the term eupping-glass is not applicable. -- Hippocrates employed eupping.

\* Cucurbita ventosa (literally, the windy cucurbit), or simply rentosa, without the adjunct, is a term used by some Cucurbitula sine ferro,\* The cucurbital (cup-CELS.—Cucurbitæ leves,† AUREL. — Cucurbitula sine scarificatione, cucurbita sicca.

Cucurbitæ cum ficatione, AUREL. <sup>2</sup>Cucurbitula cruenta: 3cucurbitula cum ferro.

ping-glass) withoutthescarificator (i.e. dry cupping, or cupping without scarification).

scari- The cucurbits [i.e. cupping - glasses] with scarification: 2the bloody cupping-glass; cupping-glass with the scarificator.

Cucurbitæ arentes atque Parched and dried siccate, 1 AUREL. cupping - glasses (cupping - glasses affixed by means of

Ferrum significs iron, and also any instrument made of

ron, as the cupping scarificator.

arum." (Cæl. Aurel. ed. snpra cit. p. 31, foot-note by Dr. J. C. Amman.)

writers to indicate the cupping-glass generally. Others e.g. Castelli, in his Levicon Medicum) limit it to the dry supping-glass.

<sup>†</sup> Cucurbitæ leves, literally the light, gentle, or mild cucurbits. 'Infigimus præterea cucurbitas leves, quas Græci κουφας vocant, scilicet sine scarificationc." (Cæl. Aurel. Acut. Morb. ib. iii. cap. 21, p. 258, Amstel. 1722.)

t "Arentes et siceas cucurbitulas dicit, quæ admoventur cum flamma. Interdum enim cum aqua calida apponebatur, quemadmodum scripsit Albucasis cap. De usu cucurbitu-

Cucurbitulas 1 admovere, To apply cupping-2accommodare, 3adhibere, 4defigere, CELS. ;-5infigere, capponere, affigere, AUREL.; 8imponere; papplicare.\*

Cucurbitatio, AUREL. Cucurbitare.

flame, as distinquished from those affixed by means of hot water).

glasses ('to move to, 2to put to or to adapt, sto have near or to make use of, 4to fix or fasten on, 5to fix or fasten in, 6to put or set to, 7to fix upon, to affix, sto put or lay on, sto apply).

Cupping. To cup.

<sup>\*</sup> Applicare (plicare ad), to lay one thing to or near another. Admovere (movere ad), to move towards, to approach. Applicare scalas muris, Liv., to set ladders against the walls. Admovere would only signify to bring them near the walls (Dumesnil). Dr. Fletcher, in his Horce Subsective, says, "the word applicare, to signify the external use of medicines, should be altogether banished; it is always improper." It eertainly is not employed in this sense by classical medical authors. Pliny (lib. xxx, eap. 21, ed. Valp.) uses the verb applico to signify the application of whelps to the stomach. "Si catuli, priusquam videant, applicentur triduo stomacho maxime ac pectori." "If whelps, before they can see, be applied to the stomach, and especially to the breast, for three days."

Cucurbitulas accommodare, To apply cuppingcute incisa [vel concisa], CELS.

Infra præcordia quatuor The cupping-glass is digitis cucurbitulâ

utendum est, CELS.

Si vero etiam vehementius But if yet for notdolor crevit, admovenda cervicibus cucurbitulæ sunt.sic ut cutis incidatur. CELS.

Confugiendumque ad cucur- And recourse must hitulas est ante summâ cute incisâ. Cels.

Si dolor discussus non est If the pain is not quâ dolet, cucurbitulas sine ferro defigere, CELS.

glasses, the skin being cut.

to be used four fingers below the

præcordia.

withstanding the pain has grown for become more intense, cuppingglasses are to be applied to the neck, so that the skin may be cut.

be had to the cupping - glasses, the skin being previously cut.

removed, to apply the cuppingglasses without the scarificator (i. e. to use dry cupping) to the part affected.

Cucurbitula quoque rectè A cupping glass is

sub mento et circa fauces admovetur, ut id, quod strangulat, evocet, CELS.

Explicitâ scarificatione, Scarification having rursum cucurbitas imponimus, ut sanguinis detractio fiat, AUREL.

Hirudo, PLINY; sangui- A leech or bloodsuga,\* CELS.

also properly applied below the chin and about the fauces, that it may draw out that which suffocates.

been effected, we again apply cupping-glasses, that the drawing away of blood may be accomplished.

sucker.

<sup>\*</sup> Themison, the founder of the Methodie Sect, and who lived A.D. 63, is the earliest writer in whose works we find mention of the leech as a therapeutic agent. The Greeks called it βδέλλα from βδάλλω to suck. The Romans termed it sanguisuga (i.e. bloodsucker) or hirudo. Celsus (lib. v. cap. 27) mentions the animal onee only, and then calls it sanguisuga, Pliny (Hist. Nat. viii. 10, ed. Valp.), speaking of elephants, says-" Cruciatum in potu maximum sentiunt, haustâ hirudine, quam sanguisugam vulgo cœpisse appellari adverto." "They [i.e. elephants] experience great agony from swallowing, in the act of drinking, a leech (hirudo), which I observe has begun to be commonly termed a bloodsucker (sanguisuga)." Several sorts of leeches are sold in the shops for medicinal use. The most esteemed is that called the true English or speckled leech, whose belly is spotted with black. A less esteemed sort is the green leech, whose belly is usually unspotted. These two sorts are, by some naturalists, considered to be distinct species; the

Sanguisugium, Callisen.\* Sanguisuction or leeching. (The extraction blood from the cutaneous vessels by the suction of

leeches.) Hirudines apponere, Aurel.; To apply leeches.

admovere, accommodare. adhibere, defigere, affigere, imponere see Cucurbitula, p. 22].

Levibus plagist incidere, To make superficial

CELS.: secare.

<sup>2</sup>Scarificare, Aurel. <sup>2</sup>To scarify.

ultimum est, incidere but little good

incisions.

Si perhæc parum proficitur, If from these things

former being termed Sanguisuga (or Hirudo) medicinalis; and the latter, Sanguisuga (or Hirudo) oficinalis. But Moquin-Tandon (Monographie de la famille des Hirudinées, 1846) regards them as varieties of the same species, which he ealls Hirudo medicinalis.

The Hamopis sanguisuga, Mog. Tand., or horse-leech, was formerly dreaded on account of the supposed dangerous wounds which it was said to make; but it appears from the reports of MM. Huzard fils and Pelletier, confirmed by those of M. Moquin-Tandon, that though it sucks the blood, and punetures the mueous membranes, it eannot perforate the skin of vertebrate animals. Leeches belong to the Articulata of Cuvier, elass Annelida, order Abranchidea, of the same naturalist.

<sup>\*</sup> Systema Chirurgiae Hodiernae, p. 100, Hafn. 1815. † Plaga is used by Celsus to signify an incision.

satis altis plagis sub ipsis maxillis supra collum, et in palato circa uvam, vel eas venas quæ sub linguâ sunt; ut per ea vulnera morbus erumpat, CELS.

Ferrum,\* Cels. Scarifica- A scarificator (it is torium (est vel simplex, seu unus cultellus, i. e. lanceola chirurgica; vel compositum, e pluribus cultellis capsulâ comprehensis constans, i. e. machina scarificatoria).

Partem morsam excidere.

arise, the last [remedy] is to make sufficiently deep incisions under the jaws above the neck, and in the palate about the uvula, or into those veins which are beneath the tongue; that the disease may discharge by these wounds.

either simple, consisting of one cutting instrument. as the common lancet: or compound, containing many cutters in one case, as the cupping scarificator).

To cut out the bitten part.

<sup>\*</sup> See foot-note \* at page 21.

Sect. 3.—De dentium evulsione.

Of the Extraction of Teeth.

Dolor dentium, CELS. Odontalgia.

Toothache.

Dentes 1 eximere, 2 evellere, To extract (1 to take <sup>3</sup> excipere, CELS.; 4 extrahere, 5 expellere.

out of; 2 to pluck out; 3 to take out; 4 to draw out; 5 to expel) teeth.

Dentium evulsio.

The extraction of teeth

Gingivas incidere, CELS.; To cut into the <sup>2</sup> gingivas levibus plagis secare.

(tooth drawing). gums; 2 to make superficial incisions in the gums (i.e. to lance the gums).

Si[dens] exesusest, foramen If the tooth be devel linamento vel bene accommodato plumbo [vel auro] replendum est, CELS.

cayed, the cavity is to be filled up either with lint, or lead well adapted to it for with gold].

Si vero exesus est dens, If the tooth be festinare ad eximendum

decayed, it is not

eum, nisi res coëgit, non est necesse, CELS.

Instrumenta dentaria.

Clavis dentaria [anglicana]. The [English] tooth-

Dentiducum, Aurel. -Dentarpaga, δδοντάγρα. Forfex, CELS.

Forceps dentaria com- Common tooth formunis; 2forceps addentes expellendos; 3forceps cum rostro corvino (vel 4rostro psittacino, vel 5rostro vulturino, vel <sup>6</sup>rostro gruino), Scultetus.

Vectis; 2 vectis trifidus, The lever; 2the trifid SCULT.

Dentiscalpium, MARTIAL; A tooth-pick, MAR-SCULT.

necessary to be hasty in extracting it, unless circumstances demand.

Teeth instruments (i.e. instruments for operation on the teeth).

key instrument.

An instrument for drawing teeth.

Forceps.

ceps; 2forceps for drawing teeth: 3 crow's-bill forceps (or 'parrot'sbill, or 'vulture'sbill, or crane'sbill, forceps).

lever.

TIAL; also a gumlancet, Scult.

SECT. 4.—De emplastris &c. Of Plasters &c.

Emplastrum,\* CELS. Emplastrum fiat.

Emplastrum imponere, To apply a plaster. adhibere, injicere, CELS.; apponere, AUREL.;

admovere, applicare.

Superponi emplastris, PLINY.

Aluta. <sup>2</sup>Linteum; linteolum. <sup>3</sup>Linteum carptum; linamentum. 'Stupa. Gossypium. Pannum; <sup>7</sup>pannum linteum; spannum cannabinum; <sup>9</sup>pannum gossypinum;

A plaster. Let a plaster be made.

To be applied on plasters.

<sup>2</sup>Linen : <sup>1</sup>Leather. a small piece of linen. <sup>3</sup> Scraped linen; lint. Tow, 5 cotton, 6 cloth; 7linen cloth; 8hempen cloth; ocotton

<sup>\*</sup> Celsus (lib. v. eap. 17) points out the eireumstances which distinguish emplastra from malagmata, and pastilli (ealled by the Greeks τροχίσκους). Malagmata were soft vegetable eompounds, analogous to our cataplasms, applied to the unbroken skin. Pastilli and emplastra contained some metallic ingredient, and were applied to wounds. The former (pastilli) consisted of dry substances united by some non-oleaginous liquid, and were used either by frietion or with some soft ingredient. The latter (emplastra) contained fusible ingredients, and were simply applied to the part. † See note \*, p. 22.

10 pannum laneum. "Sericum: taffeta.

Emplastrum illinere. In alutam extendendum, indu**c**endum.

Emplastrum in linteolo A plaster [spread] superimponendum, CELS.

Emplastrum ad exemplar Aplaster to pattern; (vel ad normam \*); <sup>2</sup>hujus magnitudinis.

Magnitudo hujus chartæ; 1 The size of this <sup>2</sup>semi-coronæ nummi.

cloth: 10 woollen cloth. 11Silk: taffeta (a fine smooth, glossy, silky tissue).

To spread a plaster. To be spread upon leather.

on a small piece of linen is to be put over [it].

<sup>2</sup>of this size.

paper; 2of a halfcrown piece.

Pollex latus; pollicaris A thumb's breadth. latitudo.

Renovare emplastrum. To renew the plaster. Emplastra ad extrahen- Plasters for drawdum, CELS.; epispastica ing; epispastics. (ἐπισπαστικά †).

<sup>\*</sup> Ad normam, according to law, custom, or pattern. † "What the ancients called epispastica were such external applications as only reddened the skin, and, according to the different degree of effect, received different names; the slightest were called phanigmoi, the next sinapismi, the more active vesicatorii, and the strongest caustici," Parr. Med. Dict.

<sup>1</sup>Vesicatorium.—<sup>2</sup>Tela vesicatoria; \* <sup>3</sup>sericum vesicans (*French Codex*); taffeta vesicatoria; <sup>4</sup>pannus vesicatorius.
<sup>5</sup>charta vesicatoria.
Vesicare; quod vesicat.

Usque ad vesicationem.

Cicatricem inducere, perducere, CELS.

Ulcus diuturnum, CELS.

Fluxum elicere.

'A vesicatory or blister.† --- 'Blistering tissue [cloth]; 'blistering taffeta; 'blistering cloth; 'blistering paper.

To raise a blister; that which raises a blister [i.e. a vesicatory].

Until vesication is produced.

To promote [the formation of] a cicatrix.

A long - continued ulcer [as the so-called perpetual blister].

To promote the discharge.

<sup>\*</sup> This term is applied to both cloth and paper covered with a preparation of cantharidin. It comprehends, therefore, the papier épispastique and taffetas vésicant of the French.

<sup>†</sup> The word blister signifies both a vesicating substance (e.g. emplastrum cantharidis) and a vesicle or bleb (vesicula vel bulla). This circumstance, it is presumed, led the writer of a prescription to commit the following gross blunder:— "Applicatur emplastrum lytta thoraci, et servetur apertum usu cerati sabina." Query: What is to be kept open? Answer: The emplastrum lytta!!

Nutrire ulcus, Cels. Curare vulnus, CELS. Resolvere vulnus, Cels.; <sup>2</sup>resolvere fascias.

Nutri partem exulceratam unguento sabinæ, ut ulcus diuturnum fiat.

Promovere humoris nati ab vesicatorio.

<sup>1</sup>Inspergere;—<sup>2</sup>super ulcus, CELS.;3super emplastrum.

Insperge pulverem anti- Sprinkle the powder monii potassio-tartratis super emplastrum picis in alutam extensum.

Sericum dictum anglicum English court plas-(French Codex).

To dress an ulcer. To heal a wound. To open the ulcer:

2to open the dress-

ings.

Dress the ulcerated part with savine ointment, that a long-continued ulcer [i.e. perpetual blister] may be made.

detractionem To promote the discharge of fluid produced by the vesicatory.

To sprinkle or cast upon;—2as on an ulcer,—or 3on a

plaster.

of the potassiotartrate of antimony [emetic tartar] on the plaster of pitch spread on leather.

ter.

SECT. 5.— De frictione.

Of Friction.

'Fricare, Cic.; 'perfricare, 'To rub; 'to rub all CELS.: 3infrico, PLINY.

Fricetur corpus lanâ, manibus vel strigili.

Caput unguento fricare, Crc. To rub the head with

Perfricare vehementer, leniter, CELS.

Non alienum est extremas It is not amiss to partes oleo et sulphure perfricare, CELS.

Frictio; 'vehemens, 'lenis, Friction; 'violent, 3multa, 4modica, 5longa, CELS.

Cinerem infricare, PLINY. Infrictionem ei membro adhibere, CELS.

Ungere; 2inungere; 3per- To rub [as an ointungere; superinungere, CELS.

over; sto rub in or upon.

Let the body be rubbed with flannel, with the hands, or with a flesh-brush.

ointment.

To rub violently, gently.

rub the extremities with oil and sulphur.

<sup>2</sup>gentle, <sup>3</sup>plentiful, 4moderate, 5long.

To rub in the ash. To use friction to that limb.

ment], to anoint; 2to anoint or rub in or upon; sto

anoint or rub all over.

Cerato liquido primum First rub the neek cervieem perungere, CELS.

Post unetionem eibo uti, After unetion to take CELS.

Linere; 2illinere; 3delinere; 1To besmear [with <sup>4</sup>superillinere, Cels.

Lasere linguam ipsam To besmear the linere, Cels.

Idque in linteolum illinere, And to spread this et fronti agglutinare, CELS.

Delinendus homo est vel The patient is to gypso, vel argenti spuma, CELS.

Idque si intus est, digito And, if the disorder illinendum; si extra, superillitum panniculo imponendum est, Cels.

over with liquid cerate.

food.

something thick]; 2to spread in or upon; storub over with; to spread upon.

tongue itself with Laser[Asafætida?].

on a piece of linen, and apply it to the forehead.

be rubbed over with gypsum or litharge.

fi.e. the hamorrhois be within, it [the medicine] is to be applied with

Palpare.

Titillare.

Spargere, Cic.; <sup>2</sup>inspergere, Cels.; <sup>3</sup>respergere, Cels.

Super eas nitrum insper- To sprinkle nitre gere, CELS.

Inspergatur pauxillum super mamillas.

Ea membrana acri aceto This membrane is respergenda est, CELS.

the finger, — if without, it is to be applied spread upon a cloth.

To stroke gently (as is done to horses).

To tickle.

<sup>1</sup>To strew or throw about; 2to sprinkle in or upon; 3to besprinkle.

[carbonate of soda?] upon these.

Let a little be sprinkled upon the nipples.

to be besprinkled with sharp vinegar.

Sect. 6.—De tonsura.

Of Shaving.

Capilli,\* Cels.; capillamen- The hair of

Capillus, quasi capitis pilus, is sometimes employed by Latin authors to signify the hair generally. " Cutibusque cum capillo pro mantelibus ante pectora uti." (Pliny, Hist. Nat. lib. vii. cap. 2.) "To weare the scalpes, haire and all, instead of mandellions or stomachers before their breasts," (Holland's Translation.)

tum, PLINY; capillitium. APULEIUS; crines.\* Pili, CELS.

Barba, Cels. Radere: 2deradere, CELS.;

abradere, PLINY: 3circumradere, CELS.

Caput radere, Cels. Omnia, derasa ante, si It is proper to cu

capillis conteguntur, per medium oportet incidere, CELS.

Dens circumradi debet, The tooth ought to CELS.

Barba abraditur, præter- The beard is shaven quam in superiore labro, PLINY.

head.—The hair of the head.

The hairs of other parts.

The beard.

'To shave; 2 to shave off; 3to shave round or scrape about.

To shave the head. all previously shaven, if they be covered with hairs, through the middle.

be scraped all

round.

off except on the upper lib.

<sup>\*</sup> Urinis is said of the hair when set in order or plaited (Dumesuil, Latin Synonyms, Transl. by Rev. J. M. Gosset). -Crines signifies rather the ringlets and locks of a woman, than simply and generally the hair: it is, of course, less applicab c to medical subjects .- Cincinnus (from κίκιννος) is a curl of hair. - Casaries (from cado) is particularly said of a man's head of hair, because women's heads of hair never were cut.—Coma (from κόμη) signifies a head of hair either dressed or not.

Tondere; attondere, Cels. To shear, clip close, or cut short.

Ad cutem tonderi, CELS.

The hair to clipped close the skin.

Caput attonsum habere, To keep the Thair of the head clipped CELS. close.

A razor. Novacula, CELS.

Sect. 7. — De fonticulis, Of Issues, Setons, the setaceis, acupuncturâ. Acupuncture.

Fonticulus\* purulentus.

Fonticulus excitetur inci- Let an issue be prosione (vel ferro, vel vesicatorio, vel medicamento caustico, vel cauterio, vel ferro ignito).

Fiat fonticulus purulentus Let an issue be made in interstitiis musculorum brachii; ope ferri vel caustici.

Fiat fonticulus in musculo- Let an issue be made rum duorum interstitio

An issue.

duced by incision (by the lancet, by a vesicatory, by caustic, or by the cautery).

between i.e. in the interstices of the muscles of the arm; by the lancet or caustic.

between [i.e. in the

Fonticulus, dim. of fons. A little fountain.

ad prohibendum dolorem quo impeditur facilis motus.

Sit fonticulus musculum Sartorium et Vastum internum (vel inter principia musculi Gastrocnemii, vel interstitio musculi Deltoidis ct Bicipitis).

Fascia pro fonticulis in A bandage for issues brachio (vel femore, vel surâ).

Setaceum.\*

Acus; acus ferrea, Cels.

Acus pro setaceo.

Inseratur setaceum nuche Let capitis.

Acuidoneâ sericifasciculum Lct the skin at the ducente perforetur cutis

interstices of two muscles, to avoid pain, which would impede easy motion.

inter Let an issue be made between the Sartorius and Vastus internus muscles (or between heads of Gastrocnemius, or between [i.e. the interstice of the Deltoid and Biceps muscles).

in the arm (thigh, or calf).

A seton.

A needle; an iron needle.

A seton-needle.

a seton inserted in the nape of the neck.

back part of the \* From seta, a bristle, or horse-hair; because horse-hairs were first used to keep open the wound,

colli posterioris partis, serico in vulnere relicto, ut fiat diuturna suppuratio. Quoties pus effundi cessaverit (vel hoc deficiente) illinatur sericum unguento sabinæ.

Acum admovere, CELS. Acu lapprehendere, <sup>2</sup>transuere, <sup>3</sup>trajicere. CELS.

Cutem candentibus ferra- To make ulcers in mentis exulcerare, CELS.

Non, ut primum fieri potest, Not to heal the ulcera sanare, CELS.

Tum, quâ notæ sunt, Then, where the cutis acu filum ducente marks arc, the

neck be perforated by a proper needle carrying a skein of silk; the silk being left within the wound to excite a constant discharge of pus. Whenever the pus ceases to be discharged (or when the pusis deficient in quantity), let the silk be anointed with savine ointment.

To apply a needle. To take hold of, 2sew through, 3traverse — with necdle.

the skin by hot irons [i.e. by the actual cautery].

ulcers as soon as possible.

transuitur, ejusque fili capita inter se deligantur, quotidieque id movetur. donec circa foramina cicatriculæ fiant, CELS.

skin is pierced by a needle carrying a thread, and the two ends of this thread are tied together, and the thread is moved daily until small cicatrices formed about the two orifices.

Eumque acu trajicere And to traverse it by linum trahente, CELS.

Ad imum acu trajecta duo Traversed at lina ducente, CELS.

Acupunctura.\*

a needle drawing a thread after it.

bottom by needle carrying two threads. The acupuncture.

SECT. 8 .- De electricitate† Of Electricity &c. &c.

Electrogenium; electricitas; Electrogen (the

<sup>\*</sup> Acupunctura: from acus a needle, and pungo I priek. † Nearly all the words in this section are of modern origin, and necessarily so; for, with few exceptions, electrical phenomena are of modern discovery, and the language of the ancients is incompetent to express them. Greeks and Romans were acquainted with the attractive power which amber acquires by being rubbed; and, as the Greeks called amber ηλεκτρον, and the Latins electrum.

<sup>3</sup> aura electrica; <sup>4</sup> fluida electrica; 5virtus festucarum trahax. [This last phrase occurs in some Latin Dictionaries.

principle or cause of electrical phenomena); 2 electricity the cause of electrical phenomena]; 3 the electric aura; the electric fluid; 5the force attracting straws.

Trahere in se (said by PLINY To attract [electriof the action on straws, &c. of amber, when rubbed); <sup>2</sup>rapere ad se (said by the same author of the action of the Lyncurium

cally]; 1 to draw to or towards; 2 to take suddenly, to catch at.

Dr. Gilbert (in his Tractatus de Magnete, Lond. 1600) ealled all bodies which manifested a simila attractive power electrics. The word electricity was soon after introduced to indicate the power which electries thus evinced. It oeeurs in the writings both of Sir Thomas Browne (Inquiries into Vulgar and Common Errors, Lond. 1646) and the Hon. Robert Boyle (Experiments and Notes about the Mechanical Origin or Production of Electricity, 1676). It was used in a Latin form (electricitas) by Euler (Disquisitio de causa physica electricitatis, Petropoli [1775]); by Æpinus (Tentamen theoriæ electricitatis et magnetismi, Petropoli [1751]); by Beccari (Experimenta atque observationes quibus electricitas vindex late constituitur alque explicatur, Augustæ Tan-rinorum [1769]), and by many other writers of the last eentury. The word electrizatio was employed in the last eentury by Bohadseh (Dissertatio de utilitate electrizationis in arte medica, Pragæ [1751]).

[Tourmaline?] on straws and metallie plates.

Torpere; 2 torpescere; <sup>3</sup>obtorpere. (Pliny uses these three verbs to signify the benumbing effect of the electric discharge of the torpedo.)

Electrizatio; electrificatio.

Electricitas positiva; negativa.

Electricitas frictione (vitri, sulphuris, corporum resinosorum) obtenta.

Machina electrica. Machina electrica cylindrica; cylindro vitreo instructa; domini Nairnei.

Machina electrica discoidea; A plate electrical disco vitreo polito instructa; domini Cuthbertsoni.\*

To be numbed or benumbed; 2 to grow torpid or benumbed; 3 to grow numb.

Electrization(the act of electrifying).

Electricity positive; negative.

Electricity obtained by friction glass, sulphur, resinous bodies); frictional electricity.

An electric machine. A cylindrical electrical machine; made with a glass cylinder; Mr. Nairne's.

machine made with a polished glass plate (disk); Mr. Cuthbertson's.

<sup>\*</sup> When vegetable species are named after individuals,

Conductor (electricus); <sup>2</sup>primarius; <sup>3</sup>imperfection (e.g. filum cannabinum madidum); flexilis; 5mobilis.

Director (electricus); <sup>2</sup>articulatus; <sup>3</sup>insulatus; metallicus manubrio adfixus et globum terminatus.

Lagena (seu phiala) Lugdu- The Leyden phial or nensis.\*

The conductor (clectrical); 2 prime; 3 imperfect (for example, a moistened hempen thread); 4 flexible (pliant); 5 moveable.

The director (electrical); <sup>2</sup> jointed (articulated); <sup>3</sup> insulated; 'metallic with a glass handle and terminated by a ball.

jar.

the rule of construction among botanists is this: if the individual is the discoverer of the plant or the describer of it, the specific name is then to be the genitive singular; as Caprifolium Douglasii, Carex Menziesii : Messrs. Douglas and Menzies having been the discoverers of these species. But if the name is merely given in compliment, without reference to either of these eireumstanees, the name is then rendered in an adjective form, with the termination anus, a, um; as Pinus Lambertiana, in compliment to Mr. Lambert. (See Lindley's Introduction to Botany.) The same rule may be conveniently extended to cases like those in the text; and instead, therefore, of calling respectively Mr. Nairne's and Mr. Cuthbertson's machines, machina electrica Nairniana, and machina electrica Cuthbertsoniana, I have preferred to adopt the rule followed by botanists.

\* An electrical battery (a combination of Leyden jars so arranged that they may be charged or discharged at once 'Scabellum insulatum; ²sella insulata.

Electrometrum (domini Lanei). Acus metallica; lignea.

Catena metallica (tenuis).

Netum \* metallicum; filum metallicum.

Aura electrica.

'Scintilla electrica; 2scintil- 1An electric spark; lula electrica; <sup>3</sup>pollices duos vel tres longitudine æquans.

1 Ictus † electricus; 2 com- The electric shock; motio electrica; 3concussio electrica; <sup>4</sup>explosio electrica.

Frictio ‡ electrica.

The insulated stool; 2 the insulated chair.

The electrometer (Mr. Lane's). A point, metallic. ligneous (wooden).

Metallic chain (slender or fine).

Metallic wire.

The electric aura. <sup>2</sup>a small electric spark; 3equalling two or three inches in length.

2 electric commotion; 3electric concussion ; 'electric explosion.

Electric friction.

as a single jar) is called by Gehler, "Suggestus phialis Leidensibus pluribus una explodentibus" (Physikalisches Wörterbuch).

<sup>\*</sup> From neo to spin.

<sup>†</sup> Ictus a stroke or blow. Ictus fulminis, CICERO, a stroke of lightning : iclus fulmineus, Honace, the lightning stroke.

<sup>‡</sup> Frictio electrica, CALLISEN. The term electric friction

Balneum\* electricum. Electricitate per scintillas To electrify [to af-[vel per ictus] afficere.

Scintillas elicere, educere. To draw sparks

Scintillas admovere.

Electricitas voltaica (galvanica vel animalis). Voltaismus; galvanismus. (Electricitas metallica: irritamentum metallicum!!)

The electric bath. fect or influence with electricity] by sparks for by shocks].

(from the body).

To give (or communicate) sparks.

Voltaic (galvanic or animal) electricity. Voltaism or galvanism.

Metallic electricity, i.e. electricity of metals, or metallic incitor!!).

has been applied to a mode of electrifying which consists in drawing sparks from the patient through a piece of flannel. (See Cavallo, Complete Treatise on Electricity, vol. ii, p. 136, 3rd ed.)

\* The correct meaning of the word balneum will be explained hereafter (see Sect. 12. De balneis). The term balneum electricum is used by Callisen and others. It is applied to the simple communication established between an individual and the excited prime conductor of an electric machine by means of a chain, or other metallic communication. The individual is generally seated on an insulated stool (scabellum insulatum). Rostan (Dict. de Médecine), however, states that the individual may, or may not, be insulated.

Aura voltaica (vel galva- Voltaic (or galvanic) nica). aura.

Canalicus voltaicus Voltaic (or galvanic) (vel galvanicus). trough.

Columna voltaica. The voltaic pile. <sup>1</sup>Machina electro - mag - <sup>1</sup>An electro-magnetic machine; 2a

netica; 2machina magneto-electrica.

machine. Electrostixis; electro-punc- Electro-puncture.

tura. Polus; electrodus\*; 2polus The pole or elecpositivus, cathodust; <sup>3</sup>polus negativus,

anodus.1

trode; 2the positive pole or cathode; 3the negative pole or anode.

magneto - electric

Excitetur commotio elec- Let the electric comtrica per explosionem motion (shock) be

† Cathode, from κατά downwards, and όδός a way; the way

which the sun sets.

<sup>\*</sup> The term electrode, which has been latinized electrodus, was proposed by Faraday as a substitute for the word pole. It is derived from the Greek words, ηλεκτρου, and οδός a way. The term is objectionable on the ground of its prior use in another sense. Hippoerates (p. 1135, ed. Fæs.) uses the word ηλεκτρώδης (from ηλεκτρον amber, and eldos external appearance), in the sense of amber-like, in reference to the stools, which he describes as resembling amber in their external appearance. The word electrode also occurs in Callisen's Lexicon Medicum (Lipsia, 1713), and is said to signify "snecino similis."

I Anode, from ανω upwards, and οδός a way; the way which the sun rises.

lagenæ Lugdunensis.

Administrare frictionem electricam ad hominem insulatum cum conductore primario communicantem.

Eliciantur scintillæ elec- Let electric sparks tricæ ex orbitis oculorum, temporibusque, per horæ sextam partem, alternis dichus.

Iterum aura electrica coxe Again let the electric dolenti admoveatur.

Fiant ictus electrici per Let electric shock regionem uteri.

Auram galvanicam tra- To galvanize. iicere, trahere, educere.

Magnes, PLINY; 2magnes lapis, PLINY; magnes naturalis, 3magnes artificialis; magnes artc paratus.

produced by the explosion (i. e. discharge) of a Leyden phial.

To administer electric friction to a patient insulated and in communication with the prime conductor.

be drawn from the orbits of the eves and the temples, for the sixth part of an hour, every other day.

aura be applied the painful hip.

be passed through the region of the uterus.

<sup>1</sup>A magnet; <sup>2</sup>a loadstone: a natural magnet; 3an artificial magnet.

Polus septentrionalis, meridionalis. Magneticus, Claudianus.

Magnetes artificiales plures contigui, juxta polos inimicos dispositi, aut linteo seu serico obducti, collaribus, cingulis, brachialibus inclusi.

Laminæ magneticæ.

Magnetismus. Magnetismus mineralis.\*

SECT. 9.—De resolutione ventris.

Pole, northern, southern.

Magnetic (of, or belonging to, a magnet or loadstone).

Magnetic collars, girdles, bracelets (several artificial magnets with their opposite poles in contact, covered with linen or silk and inclosed in collars, girdles, or bracelets).

Magnetic plates (magnetized [steel] plates).

Magnetis- Magnetism. Mineral magnetism.

Of Purging.

Dejectiones†; dejectiones The stools or excre-

† From de downwards and jacio I cast.

<sup>\*</sup> The term mineral magnetism has been absurdly used in order to distinguish magnetism from what is vulgarly termed animal magnetism. (See Der mineralische Magnetismus und seine Anwendung in der Heilkunst, von C. A. Becker, M.D., Mühlhausen, 1829.)

alvi; stercus; alvus;\* quod excernitur; quod descendit, CELS. Sedes. † Fæces.‡

Fimus et fimum.

ments; ordure; alvine evacuations.

Alvus cita; 2 alvus soluta; Frequent, loose, or 3alvus fusa; 4alvus fluens; 5alvus liquida, Cels.— <sup>6</sup>Alvus fluida.—<sup>7</sup>Resolutio alvi, Cels. — <sup>8</sup>Venter fusus; 9venter liquidus, Cels. — 10 Ventris fluor, Cels. — 11 Ventris resolutio, CELS. 12 Ventris fluxiones; <sup>13</sup>solutiones, PLIN. - 11 Dejectiones crebræ. — 15 Catharsis. § —

Dung or ordure of man, birds, cattle. liquid stools.-Purging; looseness ('Belly [or stools] quickly moved, 'loosened; <sup>3</sup>relaxed; <sup>4</sup>loose or flowing; <sup>5</sup>liquid; <sup>6</sup>fluid, <sup>7</sup>looseness of. — Belly relaxed or loose; 9liquid; 10flux of;

<sup>\*</sup> Alvus, i, fem., sometimes masc. signifies the belly, and also the stools, frequently translated, bowels.

<sup>†</sup> Sedes means, literally, a seat; in an extended sense, the fundament. It is also applied to that which comes from the fundament, or, in other words, an evacuation.-Pharmaceutical Guide.

<sup>#</sup> Faces, the nom. pl. from facer, acis, f., a noun wanting the gen. pl. "We meet with Faces vini, Faces aceti, &c., in classical authors, but nowhere Fæces hominis: the word in this sense is altogether nunecessary and improper."-Horæ Subsecivee.

<sup>&</sup>amp; Catharsis is not found in Latin dictionaries. It is a Greek word (κάθαρσις, from καθαίρω purgo) adopted by Latin writers, and means a purging. It is thus declined:

X. Catharsis. D. Catharsi. V. Catharsi. G. Catharseos. A. Catharsin. Ab. Catharsi.

<sup>16</sup> Diarrhea. — <sup>17</sup> Coprophoria.\*

¹Alvus dura; ²alvus suppressa; ³alvus adstricta; ¹alvus contracta; ⁵alvus compressa, Cels.—⁶Alvus tenax; ³alvus compacta; ⁵alvus constipata. ⁴Venter astrictus; ¹¹oventer contractus; ¹¹venter suppressus, Cels.—¹²Ubi non descendit alvus; ¹³venter [vel alvus] nihil reddit, Cels.—¹¹Obstipatio.—¹³Constipatio alvi.

11 looseness of; 12 alvine flux, 13alvine looseness; -14 frequent dejections; 15 purging; 16 looseness; 17purgation). Bound, constipated, or confined bowels. (or belly). - Constipation. (Belly [or stools] hard; "suppressed; 3bound; 'contracted; scompressed or costive; 6retained; compact; sconstipated. Belly bound; 10contracted; "suppressed; 12when one does not go to stool; 18the belly produces nothing; "obstipation: 15 constipation (of the belly).)

Alvum 'solvere, 'movere, To act on, or open, or

Coprophoria idem quod Purgatio, ex κόπρος stercus, et φορέω fero, gesto. -Blancard, Lexi on Me Incum.

<sup>3</sup>liquare, Cels.; <sup>4</sup>mollire, emollire, <sup>5</sup>elicere, <sup>6</sup>evacuare, <sup>7</sup>exinanire, <sup>8</sup>trahere, <sup>9</sup>purgare, <sup>10</sup>ciere, Pliny; <sup>11</sup>dejicere, Cato.—

<sup>12</sup>Purgatione alvum solicitare, Cels.—Ventrem <sup>13</sup>exinanire, <sup>14</sup>mollire, <sup>15</sup>liquare, <sup>16</sup>solvere, <sup>17</sup>resolvere, Cels.— <sup>18</sup>Sedes promovere.

Alvum ducere, subducere, Cels.—<sup>2</sup>Alvi ductio, Cels. —<sup>3</sup>Alvi ductione uti, Cels.

Alvum <sup>1</sup>astringere, <sup>2</sup>comprimere, <sup>3</sup>contrahere, <sup>3</sup>supprimere, Cels.; <sup>5</sup>sistere, <sup>6</sup>cohibere, Pliny.—

<sup>7</sup>Ventrem firmare, Cels.

loosen the bowels. - To purge. ('To loosen; <sup>2</sup>move; <sup>3</sup>make liquid; 'soften; <sup>5</sup>elicit; <sup>6</sup>evacuate; rempty; 8draw or lead; purge; 10to move or provoke; "deject or cast down - belly or stools; 12 to solicit the belly[or stools] by purgation; <sup>13</sup>to empty, <sup>14</sup>to soften, 15 make liquid; 16 loosen; 17 unloosen the belly; 1sto promote stools.)

To act on the bowels by clyster.—<sup>2</sup>The action on bowels by clyster.— <sup>3</sup>To use clysters.

To bind or astringe the bowels.—To constipate. ¹To bind; ²constipate; ³contract; Quod solicitat (vel movet, vel purgat) alvum.-<sup>2</sup> Purgans. — <sup>3</sup> Laxans. — 'Catharticum.\*— <sup>5</sup>Hydragogum.†— <sup>6</sup>Drasticum.‡ — Eccoproticum.

Post alvi longam resolutio- After long purging.

nem, CELS.

Frequens dejiciendi (vel desidendi) cupiditas, CELS. Post alvum exoneratam.

Post singulas liquidas de After every loose jectiones; post unamquamque sedem mollem. Urgentibus torminibus.

'Ad plenam alvi solutionem. - 2 Ad alvum officii

'suppress; 5stop; <sup>6</sup>restrain bowels or stools; 7to bind the belly.

Any thing which opens the bowels. -2A purgative.--3A laxative.-4A cathartic.-5A hydragogue.-6A drastic. -7An eccoprotic.

Frequent desire to go to stool.

After the bowel is unloaded (i.e. after an evacuation).

stool (or liquid evacuation).

The gripings being urgent (violent).

To (or until) a full (or free) evacua-

<sup>\*</sup> Καθαρτικά; from καθαίρω to purge.

<sup>†</sup> From ΰδωρ water, and αγω to bring away. ‡ From δράω to do, or to be active.

<sup>§</sup> From εκ out, and κόπρος excrement. Eccoprotics are medicines which expel fæcal matter.

immemorem excitandam. -3 Nisi alvus sit interea copiose soluta.

Donecalvus dejecerit; donec Until the bowels are alvus ('probè vel benè) responderit; donec venter (2ritè) solutus fuerit; donec alvus (scommodè) purgetur; donec (4amplé) purgaverit; donec sedes (stres vel quatuor) deponantur.

Blysma; ĕnĕma; lavamen- A clyster; enĕma; tum intestinorum. Suppositorium.

SECT. 10.—De vomitu; de Of Vomiting; of sudore; de sternutamento, Sweat; of Sneez-&c.

Nausea, CELS.

tion of the bowels. ---To excite the bowel unmindful of its office (i.e. to excite the constipated bowels).— <sup>3</sup>Unless the bowels have been copiously relieved in the meantime.

opened; (1 well; 2thoroughly; 3sufficiently; 'freely; 5 three or four times).

a lavement. A suppository.\*

ing, &c.

Sickness; nausea.

<sup>\*</sup> The term suppository is applied to a solid substance blaced in the rectum, there to remain and gradually lissolve.

Vomitus, Cels.; vomitio, Vomiting. PLINY.

Quod excitat vomitum; That which excites vomitorium; emeticum.

Vomere, evomere, CELS.

Vomitum lelicere, excitare, To produce vomit-3movere, Cels.; creare, 5concitare, 6facere, PLINY; proritare.

Vomitum supprimere, CELS.; sistere, PLINY. <sup>1</sup> Donec evomuerit; <sup>2</sup> donec probè vomat; 3si supervenerit vomitus; 4vomitione urgente; 5ad vomitum sedandum, compescendum; 6 donec sedantur vomitiones.

vomiting; a vomitory; an emetic.

To vomit or cast up the contents of the stomach.

ing. (To elicit: <sup>2</sup>excite: <sup>3</sup>move or provoke ; dereate or occasion; 5stir up or excite; 6 make; 7 provoke vomiting.)

To suppress or allay

vomiting.

<sup>1</sup> Until the patient may have vomited; 2 until he may well vomit; 3 if vomiting should supervene; 4 the vomiting being troublesome; 5 to allay vomiting; Guntil the vomitings are allayed.

Injice in venam brachii Inject six grains grana sex tartari emetici soluta in aquæ unciâ dimidiâ.\*

Sanguinem vomere, CELS. Post vomitum, si stomachus infirmus est, paulum cibi, sed hujus idonei, gustandum, et aquæ frigidæ cyathi tres bibendi sunt; nisi tamen vomitus fauces exasperavit, Cels.

Sudor; sudores, Cels.— <sup>2</sup>Multus sudor; <sup>3</sup>frigidus sudor, CELS.

Sudorem movere, elicere, To promote sweat. Cels.; ciere, Pliny.-Sudores evocare, facere, PLINY; exudare, præstare, promovere.

of emetic tartar. dissolved in half an ounce of water. into a vein of the arm.

To vomit blood.

If the stomach is weak after vomiting, a little food is to be taken, but of a proper kind, and three cups of cold water are to be drunk; but not if the vomiting has irritated the fances.

1 Sweat: sweats. -<sup>2</sup> Much sweat; 3cold sweat.

<sup>\*</sup> The injection of a solution of emetic tartar into the veins has been successfully employed to excite vomiting in several cases of choking from the lodgment of pieces of meat in the esophagus. (Sec Dr. Pereira's Elements of Materia Medica, vol. i. p. 699, 3rd edition.)

Sudare; sudare multum, To sweat; to sweat CELS. much.

Sudorem prohibere, Cels.; To stop or check sistere, sedare, Pliny; sweat. compescere.

Sudatio; sudationes siccæ, Sudation;—a sweat-CELS. ing; also a sweat-

, Sudation;—a sweating; also a sweating place.— Dry sweating places.

Usque ad sudorem, Cels.; donec sudor prodeat. Diaphoresis.\* Aurel.

Quod elicit sudores; sudatorium; sudorificum; diaphoreticum. Until sweat [is produced].
A diaphoresis or

perspiration.
That which excites sweats; a sudatory; a sudorific; a diaphoretic.

Sternutamentum, Cels.— Sneezing. Sternutatio, Apul.

Sternutamenta excitare, To excite sneezings. movere, evocare, Cels.; facere, Pliny; concitare, proritare, Scrib. Larg.

Quod movet sternutamenta; That which excites sternutamentum; sneezing; a ster-

\* From διαφόρησις.—Diaphoresis is declined like catharsis (see p. 49).

<sup>†</sup> In the following passage, Pliny (Hist. Nat. lib. xxv. eap. 109, ed. Valp.) employs sternutamentum to indicate a sternutatory:—"Eadem sicca concisa, sternutamentum est."

sternutatorium; errhinum; \* ptarmicum. † rhine; a ptarmic. Sternutamenta albo veratro Sneezings are exconjecto in nares excitantur, CELS.

[Ducere naribus, ut sternuta-  ${
m To~snuff}$  or draw [it]mentum excitetur.

lHæc per calamum scripto- These may be blown rium naribus sufflentur, SCRIB. LARG.

Aliquantillum naribus insuffletur.

Urinam movere, citare, To promote, in-CELS.; concitare, excitare, crease, or provoke ciere, pellere, impellere, the flow of urine. solvere, PLINY.

Urinam supprimere; tar- To suppress, to dare, CELS.

Urinam reddere, CELS.; To pass the urine; facere, PLINY.

Urinæ crebra cupiditas sed Frequent inclination magna difficultas, CELS. to make water, but

nutatory; an ercited by putting into the nose white hellebore.

up the nostrils. that sneezing may be excited.

into the nostrils by a writing-pen.

Let a little be blown into the nostrils.

check the flow of urine.

to make water.

† From πταίρω I sneeze.

Some erities, however, read "ciet," others "facit," for "est;" and then sternutamentum signifies sneezing.

Eppivov, from ev in, and piv the nose.

Quod movet urinam; diureticum.\*

Urinam manu CELS.

Catheter. +-Fistula, CELS. A catheter. -- A pipe -Fistula urinaria.

Explorare vesīcam.

Extrahere (vel educere, vel elicere) urinam ope catheteris.

Menstrua ciere, pellere, To promote or bring solvere, PLINY; evocare, movere, elicere, excitare.

Quod evocat menstrua; emmenagogum. ‡

In feminam benèresponden- In [or to] a woman tibus menstruis, CELS.

great difficulty in doing so.

That which excites a flow of urine; a diuretic.

emoliri, To discharge the urine by the hand [by an operation].

for drawing off the urine].

To examine [e.g. to sound the bladder.

To draw off the urine by the aid of a catheter.

on the menstrual discharge.

That which brings on the menses; an emmenagogue.

whose menses are regular.

<sup>\*</sup> Διουρητικός: from διά through; ούρον the urine; and ρέω I flow.

<sup>†</sup> Catheter, ēris, m. From καθετήρ, Galen. From Euunva the menstrual discharge, and ayw I propel or bring away.

Menstrua suppressa, Cels. The menses being suppressed.

Menstrua non feruntur; The menses are non proveniunt, CELS. stopped.

Of Worms. Sect. 11.—De vermibus.

Vermes\* dejicere, expellere, To expel worms. elicere.

\* Tabular arrangement of the internal parasites of the human body, disposed "in the classes to which they appear respectively to belong, according to their organization" (Owen, art. Entozoa, Cyclop, Anal, and Phusiology).

ENTOZOA HOMINIS.

Classis Psychodiari—Bory St. Vincent.

1. Acephalocystis endogena, Pill-box Hydatid. In the liver, cavity of the abdomen, &c.

2. Echinococcus hominis, Liver Hydatid. Liver, spleen,

omentum.

Classis Polygastrica—Ehrenberg.

3. Animalcula Echinococci, Animalcule of the Echinococcus. Liver, &c.; contained within the Echinococcus.

Classis PROTELMINTHA.

4. Cercaria seminis, Zoosperm, Spermatozoon, Seminal animalcule. In the semen.

5. Trichina spiralis. In the voluntary muscles.

Classis STERELMINTHA.

6. Cysticercus cellulosce. In the museles, cerebrum, and

7. Tienia solium, Long-jointed tape-worm, or common tape-worm. In the small intestines.

8. Bothriocephalus latus, Broad tape-worm. Small intestine.

9. Polystoma pinguicola. In the ovaries.

10. Distoma hepaticum, Liver-fluke. In the gall-bladder.

Lumbricus latus ; lumbricus The tape - worm teres, CELS. (Tænia solium); the round worm.

Quod expellit vermes; That which expels anthelminticum:\* worms; helminthagogum; an anthelmintic vermifugum. or vermifuge.

SECT. 2.—De balneis; de Of Baths; of fomentis. Fomentations.

Balneum,† Cels.; Balineum.—2Balneæ;

A bath [private]. -2Baths [public].

Classis CŒLELMINTHA.

11. Filaria Medinensis, Guinea-worm. In the eellular tissue.

12. Filaria oculi. In the erystalline lens.

13. Filaria bronchialis. In the bronchial glands.

14. Tricocephalus dispar, Long thread-worm. In the eæeum and eolon.

15. Spiroptera hominis. In the urinary bladder.

16. Strongylus gigas. Kidney.

17. Ascaris lumbricoides, Long round-worm. In the small intestine.

18. Ascaris rermicularis, Maw-worm or thread-worm. In the rectum.

\* From avtí against, and Eduivs a worm.

† Balneum and balineum were used for the water bath, which every master of a family had in his house; balnew and balinew, for public bathing-places. All referred to baths artificially heated. "The cold bath and shower bath, therefore, and, in pharmaey, the sand bath, water bath, &c., require a very different form of expression."-Hora Subsec.

Balineæ.—³Balneum medicatum.
Balneum fervens (seu fervidum), calidum, tepidum.\*
[Cepidarium, Cels.
[Thermæ.†
[Lavatio.‡ Cels.—

<sup>2</sup>Lavacrum.

Mblutio, PLINY.

IIn balneum ire; <sup>2</sup>ducere in balneum; <sup>3</sup>uti balneo calido; in balneum mittere, Cels.; demittere in balneum; descendere in balneum.

Elicere sudorem sicco

—<sup>3</sup>A medicated bath.

The hot, warm, and tepid bath [artificial].

A tepid bath.

Hot baths [natural].

A washing or bathing.—A bath or washing place.

Ablution.

<sup>1</sup>To go into a bath; <sup>2</sup>to take [him] into a bath; <sup>3</sup>to use the warm bath; to put [him] into a bath.

To procure sweat by

\* The temperature of the different kinds of baths is as ollows:— Deg. Fahr.

1. Very cold	from 33 to50
2. Cold	50 \(\pm\) (65
3. Cold	65 . 5 { 85
4. Tepid	85
5. Warm	9298
6. Hot	98the

highest degree of heat the patient can bear, perhaps...110 or 112.

<sup>†</sup> Thermæ signifies baths of water naturally hot; balnea, paths made hot by fire. Hence the phrase balnea mineralia s not correct.

<sup>‡</sup> Lavatio also signifies a bathing vessel.

calore, Cels.—
Balneum siccum.\*

dry heat.—A dry bath.

\*\* By the term balneum siccum, or dry bath, are meant applications of dry heated substances (as hot air, sand, ashes, salt, &c.) to the skin to promote sweating.—But the term balneum is inapplicable to such, since Celsus evidently coufines it to a water bath,—while under the head of "siccus calor" he includes arena calida, the laconicum, and the clibanum (lib. ii. c. 17). The terms Sudatorium, Lacouicum, and Clibanum, were applied to different kinds of dry baths. The Sudatorium was a sweating-house. The Laconicum was a hot and dry room at a bath, and in which sweat was excited; it was, in fact, a Sudatorium. Clibanum was the name of a particular kind of oven among the Romans. As it is mentioned by Celsus, besides the Laconicum, or hot room at the bath, he probably intends by it a stove placed in a common



From a painting found at the Thermæ of Titus (De Montfaucon, L'Antiquité expliquée et représentée en figures, tom.

Iti aquis frigidis, CELS .-- To use the cold bath. Balneum frigidum.\* -A cold bath. lalidus vapor, Cels.— Hot vapour.— Balneum vaporis.+-A vapour bath.

Vaporarium.

encathisma; insessio; insessus.—2Coxæluvium. -3Pediluvium.--

Semicupium; excathisma; The half bath, or slipper bath. -<sup>2</sup>The hip-bath.— The foot-bath.--

oom so as to heat it. In the baths of the Romans there were ve apartments: the eleotherium, the frigidarium, the tepidaium, the concamerata sudatio (calidarium or laconicum), and ne balneum.

On the right is the eleotherium (ἀλειπτήριον) where the ills and perfumes are kept in vases: next to this is the frigiarium (ἀποδυτήριον) or undressing room; the third is the pidarium: the fourth is the sudatory (concamerata sudatio), It which are seen the laconicum (so called from being first sed in Laconia), a brazen furnace to heat the room, and ersons sitting on the steps: the fifth is the balneum, with its nge basin (labrum) supplied by pipes communicating with aree large bronze vases, called milliaria, from their capaiousness; the lower one contained hot, the upper one cold, nd the middle one tepid water. The bathers returned to the rigidarium, which sometimes contained a cold bath. The ubterranean portion of the building, where the fires were laced for heating the baths, was called hypocaustum.—The rigil (ain the above cut) was a scraper, or curry comb, used t baths to scrape the skin.—Colsus (lib. vi. cap. 7) uses the erm to signify a tube or syringe.

\* As the term "balneum" applies to a heated water bath, is is obvious that the phrase "balneum frigidum" is not

trictly correct.

<sup>†</sup> Equally improper is the phrase "balneum vaporis." clsus regards calidus vapor as one kind of "siccus calor."

\*Capitiluvium.— 5Manuluvium.

Multâ calidâ aquâ per caput To pour much hot se totum perfundere, tum tepidâ, deinde frigidâ, CELS.

Utatur semicupio ad x. vel Let the patient use xij. minuta horæ in aquâ adhuc calenti modicè.

Pedes cruraque in aquam calidam demittere.

Perfusio corporis aquâ calidâ.

Lavare egelidâ\* aquâ.

'The head-bath.-<sup>5</sup>The hand-bath.

water over his head so that it may run over all his body], then tepid, and, lastly, cold water.

the half-bath, made moderately warm, for ten or twelve minutes.

To bathe the feet and legs in warm water.

The affusion of the body with warm water.

To use tepid washing.

<sup>\*</sup> Gelidus and egelidus agree in denoting objects not as in a state of heat, but differ in respect to the distance of each from that state. The first term (from gelu, frost or ice) applies to water that is either frozen or just at freezing point. Egelidus differs in denoting a diminution of the cold implied in the latter, or a step in the progress towards heat, (See Hill's Dict. of Synonyms.) Gerard (Thesaurus) defines the word egelidus thus: —"Quod geln amisit, et jam non est calidum neque frigidum, —tepidum."

IIs per æstatem id benè largo He ought, daily, canali quotidie debet ali quamdiu subjicere, CELS.

during the summer, to hold his head for some time under a pretty strong stream [of water].

vel To apply ice or Admovere glaciem nivem.

Linteola in aquâ frigidâ Linen dipped in cold madefacta, dein benè expressa, CELS.

Fomentum, CELS.; fotus, A fomentation.

PLINY; fomentatio.

Nares exulceratas fovere It is proper oportet vapore aquæ calidæ, CELS.

Vaporare, suffire, PLINY.

Detergere, CELS.; abstergere.

Lavare, CELS.; <sup>2</sup>abluere, Cic.: 3eluere, CELS.

Suffitus.—2Halitus.— 3Inhalatio.

snow.

water, and then well squeezed.

foment the ulcerated nostrils with the vapour of warm water.

To foment with vapour.

To cleanse or wipe.

To bathe or wash; 2to clean or cleanse; 3to wash.

Dry fumes or smoke, -2Aqueous vapours. — <sup>3</sup>Inhalation or inspiration. Inspiretur halitus liquoris Let the vapour of chlori per apparatum chlorine water be aptum.

of a proper apparatus.

Pulvinar;\* pulvinus; προς- A bolster or pillow κεφάλαιον; ὑποκεφάλαιον. for the head.

SECT. 13.—De portionibus. Of Doses.

Portio, Cels.; dosis (δόσις). A portion, allotment, or dose.

Portionibus paribus; æquis In equal proporportionibus, CELS. tions.

<sup>1</sup>Portionibus exiguis; <sup>1</sup>In small, large, magnis; divisis; <sup>2</sup>crebro divided, <sup>2</sup>repeated doses. iteratis.

'Partitis vicibus; † 2ad tres 1At different times; alias vices. 2to three other times.

Sit dosis cochlearia tria Three tablespoon-

<sup>\*</sup> The pulvinar humuli, or hop pillow, has been long employed for producing sleep. Dr. Willis brought it into vogue by prescribing it for George III.

<sup>†</sup> Partitis vicibus is an idiomatical expression, implying "in different doses," or "at different times." Vicibus is the ablative plural of vicis, and partitis the ablative plural of partitus, the participle of partitor.

ampla.

fuls for a dose [let the dose be].

Gradually increas-Dosi pedetentim crescente. ing the dose.

(Cochlear, Cels.; cochlea.

(Cochleare; cochleare plenum,\* CELS. ;---Cochlearium; † cochlearii mensura, PLINY.

Cochleare parvulum (minimum; vel infantis).

Cochleare modicum (medium; vel mediocre).

Cochleare magnum (largum; vel amplum). A spoon. A spoonful when no qualification is added to it, it is generally understood to mean "a

A small, tea, or child's spoonful Segual to one fluidrachm].

tablespoonful "].

A middling - sized desert or pap spoonful [equal to two fluidrachms.

A large or table spoonful fequal to four fluidrachms,

† Cochlearium, rii, n. signifies a measure of liquids, a spoonful, &c. As a Roman measure of liquids, it is said to have been the one-twelfth part of the eyathus, and there-

fore the one-third part of the eochleare.

<sup>\*</sup> Cochleare, and (per apoeopen) cochlear, aris, n. signifies a spoon, a measure, and a spoonful. As a Roman measure of capacity it is said (Littleton's Latin Dictionary) to have been equal to the ligula, that is, one-fourth part of the cyathus, and consequently the one-forty-eighth part of the English wine-pint, or one-third of the fluid ounce.

Cochleatim.

<sup>1</sup>Cyathus; \* <sup>2</sup>cyathus vinarius; <sup>3</sup>cyathus magnus. or half a fluid ounce].

Spoonful by spoonful

<sup>1</sup>A drinking cup [generally understood to mean a wineglass of the capacity of two fluid ounces];

fluid ounces];
also a measure for liquids; 2a wineglass; 3a large drinking cup [generally understood to mean a tumbler of the capacity of eight fluid ounces].

A cup [generally un-

Poculum; † 2pocillum;

† Poculum, a drinking-cup. It was also said of the liquor

<sup>\*</sup> Cyalhus (from κύαθος) was a sort of vessel used by the Romans to measure the wine and water that were poured into eups. It was equal to four ligulæ. Dr. Grieve (Translation of Celsus) states that it was equal to the one-twelfth part of the English wine pint. It was also used to indicate anything to drink out of. Cantharus (from κάνθαρος) was a sort of eup, somewhat larger than the cyathus, and having a handle; in other words, a kind of tankard. Scuphus (from σκύφος) was a kind of bowl, without either foot or handle, used in aneient times to drink out of. Cupa was a eup or drinking-vessel used in taverns or other drinking-houses.

3vasculum.

derstood to mean a tea-cup of the capacity of six or eightfluidounces]; also a potion; 2a little cup; 3a little vessel.

Duo aut tria cochlearia uno It is sufficient to die sumpsisse, satis est, CELS.

have taken two or three spoonfuls\* in one day.

<sup>1</sup>Cochlearis; <sup>2</sup>cochlearis mensura, PLINY.

Of, or pertaining to, a spoonful; <sup>2</sup>a spoonful.

<sup>1</sup>Magnitudo; <sup>2</sup>amplitudo; 3moles; 4quantitas.†

1Magnitude; 2amplitude; 3mass; quantity.

Ad nucis juglandis magnitudinem; 2quod fabæ magnitudinem habet,

To the size of walnut; 2that which has the

† Magnitudo is said of any sort of greatness. Amplitudo is said of extent. Moles indicates anything huge and vast. Quantitas is a term of relative import, and, when qualified

by some adjunct, may signify much or little.

<sup>\*</sup> Sometimes very erroueously written spoonsful. Spoonful, like mouthful, &c., is an individual compound noun; its plural being spoonfuls. Although the word spoonsful is not English, yet it is remarkable how frequently it is written by ignorant persons. On the same ground that "spoonsful" is used as the supposed plural for "spoonful," we ought to have "monthsful," "belliesful," "spoonsmeat," instead of "mouthfuls," "bellyfuls," "spoonmeats."

CELS.—3Magnitudo nucis avellanæ, Scrib. Largus; 4magnitudo castaneæ; 5magnitudo fabæ equinæ.

Moles nucis moschatæ.
Instar\* juglandis.

Quantum satis est [vel sit];

quantum res patitur;

quantum fieri potest;

quantum tribus digitis
comprehendi potest;

quantum volet;

quantum vires patiuntur;

quantum juvat;

svino
uti quantum libebit,
Cels.

size of a bean.—

The size of a filbert-nut; the size of a chestnut; the size of a horse-bean.

The size of a nutmeg. The size of a walnut.

As much as is suffi-

cient; 2 as much as circumstances will allow; 3 as much as can be done, or as far as possible; 4 as much as can be held by three fingers; 5 as much as he will; 6 as much as the strength permits; 7 as much as, or as long as, it is agreeable; 5 to take as much wine as he pleases.

Quantum cuspide (vclapice) As much as can be

<sup>\*</sup> Instar is usually denominated an indeclinable noun; but Dumesnil (Latin Synon., by the Rev. J. M. Gosset) calls it a preposition requiring the genitive case. "Ad instar is not found in the best Latin authors."

cultri capi potest.

Quantum sufficit (vel sufficiat); <sup>2</sup>quantum convenit; <sup>3</sup>quantum velis; quantum lubet; <sup>4</sup>quantum sitis exigat.

Pugillus.

Manipulus, CELS. Sumere ; capere, CELS. Devorare, CELS. ; deglutire.\*

Devorare, Gels.; degiume.

Bibere; sorbere; potare, CELS.; haurire.

Delingere, CELS.; lambere; sub linguam liquare.

Manducare; mandere, CELS.;

taken on the point of a knife.

be sufficient; "as much as is convenient or suitable; "as much as you please; "as much as the thirst may require.

A pinch (i.e. as much as may be contained between the thumb and two fingers: about from 3ss. to 3j.).

A handful.

To take (generally).
To take (in a solid form, as a powder or pill).

To take (as a draught); to drink.
To take (as an

electuary).

; To take (as a masticatory); to chew.

<sup>\*</sup> Glutio (but not deglutio) is found in the smaller Latin dictionaries; in larger ones we find deglutio, vox medicis familiaris, I swallow down.—Pharmaceutical Guide.

Dare; adhibere; exhibere, To give; to exhibit; Cels.; administrare.

In alvum ex parte inferiore To administer by the dare; in alvum ex partibus inferioribus indere (vel immittere, seu infundere), CELS.

Suffumigare, CELS.; fumigare.

Gargarizare, CELS.

Sect. 14.—De tempore.

Annus; 2sesquiannus; <sup>3</sup>biennium; <sup>4</sup>triennium.

Quotannis, annuus; <sup>2</sup>biennis, bimus; ³triennis, trimus.

Annus intercalaris vel bisextilis.

Annus climactericus.

Cardines temporum.

'Mensis; 'sesquimensis;

to administer.

rectum (as injection or clyster).

To fumigate.

To gargle.

Of Time.

'A year; 2a year and a half; 3two years; 4three years.

Every year, annual; <sup>2</sup>biennial, lasting two years, of two years; striennial. lasting three years, of three years.

Leap year.

The climacteric or perilous year.

The four seasons of the year.

A month; 2a month

3bimensis; 4spatium bimestre; \*menses biseni.

Menstruus; \* 2bimestris; 1Monthly; 2of two 3trimestris; 4quadrimestris.

Januarius; <sup>2</sup>Februarius; <sup>1</sup>January; <sup>2</sup>February; <sup>3</sup>Martius; <sup>4</sup>Aprilis; <sup>5</sup>Maius; <sup>6</sup>Junius; <sup>7</sup>Julius

(vel Quinctilis); SAugustus (vel

Sextilis); <sup>9</sup>September; 10 October; 11 November;

12December.

Septimana; hebdomada; A week. hebdomas; hebdoma.

Dies; lux, CELS.

Dies Solis; <sup>2</sup>D. Lunæ; <sup>1</sup>Sunday; <sup>2</sup>Monday; <sup>3</sup>D. Martis; <sup>4</sup>D. Mercurii; <sup>5</sup>D. Jovis; <sup>6</sup>D. Veneris;

7D. Saturni.

Calendæ; 2nonæ; 3idus. The calends [the

and a half; 3two months; \*six months; 5twelve months.

months; 3 of three months; of four months.

<sup>3</sup>March; <sup>4</sup>April; <sup>5</sup>May; <sup>6</sup>June; <sup>7</sup>July; <sup>8</sup>August; 9 September; 10October;

"November; 12 December.

A day.

3Tuesday; 4Wednesday; <sup>5</sup> Thursday;

<sup>7</sup>Saturday.

first day of the

<sup>\*</sup> Formerly it was the custom for chemists to digest the solvend, or substance to be dissolved, in the solvent for a philosophical month, or forty days: hence arose the name of menstrual solvent or menstruum.

Hodie; hodierno die. Heri; hesterno die. Cras; crastino die. Postero die, Cels. Nudius tertius.\*

Primo die, Cels. Perendie; perendino die.

month]; 2the nones [the seventh day of the months March. May, July, and October, and the fifth of the other months]; 3the ides [these fall eight days later than the nones: hence they occur on the fifteenth day of the months March, May, July, and October, and the thirteenth of other months]. To-day.

The day after. The day before yesterday; three days ago. The first day. The next day after

Yesterday.

To-morrow.

to-morrow.

<sup>\*</sup> This phrase is derived from nunc dies est tertius. have also nudius quartus, four days ago; nudius quintus, five days ago,

roximis diebus, CELS. roximâ luce.

uotidianus, CELS.; indies; quotidiè, CELS.; omni die.

Ulternis diebus, CELS.

Alternâ (vel secundâ) quâque die.

Mertiis diebus.

Post paucos dies; paucis A few days after.

post diebus.

IBiduum, Cels.; 2triduum, CELS.; 3quatriduum.

De die in diem.

Mane, CELS.; \* aurora; tempore matutino;

horâ matutinâ.

Diluculò; multo mane; primo mane; primâ luce, CELS.: summo mane.

Crastino mane.

Tempus antemeridianum.

Meridies,† CELS.

l'omeridies ; tempus post-meridianum.

The following days. The day before. Daily, or every day.

Every other day.

Every third day.

<sup>1</sup>Two days; <sup>2</sup>three days; four days. From day to day.

Morning.

Early in the morning; at daylight. To-morrow morning. Forenoon. Noon.

Afternoon.

<sup>\*</sup> Mane is a triptote, having only three eases—the nom., nce., and abl. sing.; in all of which it is mane, except the ablative, in which mani is sometimes found.

<sup>†</sup> The division of the day generally observed by the Romans was that into tempus antemeridianum and pomeridianum, the meridies itself being only considered as a point at which the one ended and the other commenced.

Vesper, Cels.; vespertina, Evening. vespere appropinquante Nox, CELS.; sero. Hâc nocte; nocturnus. Nychthemerum.\* Hesternâ nocte. 'Horâ somni; 'horâ decubitûs: dormiturus, CELS.; cubitum iturus; ubi it cubitum. Jentaculum. Prandium, CELS. Cœna, CELS.; tempore cœnandi Hora. Tota hora, CELS.

Breakfast. Dinner. Supper; suppertime. An hour. A whole hour. In horas; singulis horis; Hourly; every hour.

During an hour.

secundâ Every other hour.

An hour and a half.

Night; late.

Last night.

To-night; nightly.

The hour of sleep-

ing; 2at bed-time.

Night and day.

horis intermediis. Trihorio; omni tertiâ horâ. Every third hour. Quadrihorio. Semihora, CELS.; semihorio.

omni horâ. Per horam integram.

Alternâ horâ;

horâ; bihorio;

Sesquihoris.

Every fourth hour. A half-hour; every half-hour.

From νύξ night, and ἡμέρα đay.

Omni quadrante horæ.

Every quarter of an hour.

Horis consuctis.

At the accustomed hours.

Sexagesima pars horæ; minutum.

The sixtieth part of an hour; a minute.

Momentum vcl punctum Amoment or instant temporis.

of time.

Statim; 2illico; 3protinus; Immediately (1on the 'extemplò; 'jam; <sup>6</sup>jamjam; <sup>7</sup>quaniprimum.

spot, without leaving the place; 2in that very place; forthwith: the first, instantly; immediately; <sup>5</sup>already, even now, immediately [repeated before every member of a sentence, jam signifies " sometimes "]; forthwith [jamjam denotes more celerity than jam; very jam]; shortly).

<sup>1</sup>Pro re natâ;\* <sup>2</sup>prout res <sup>1</sup>Occasionally; <sup>2</sup>acposcit; 3prout res postulet.

Subinde; interdum; aliquando; 3identidem: <sup>4</sup>de tempore in tempus.

'Iterum; <sup>2</sup>rursus vel rursum; 3denuo (quasi de novo).

cording as circumstances may require; 3according as circumstances may demand.

Now and then; upon which: <sup>2</sup>sometimes; <sup>3</sup>now and then; ever and anon: from time to time.

Again, the second time; 2once more. another time; <sup>3</sup>anew, afresh.

-Pharmaceutical Guide.

<sup>\* &</sup>quot;Pro re natâ is an idiomatical expression: it signifies 'according as circumstances arise;' that is, 'occasionally.'"

<sup>&</sup>quot;A prescription was sent by an accoucheur for the usual medicines for a lady after her delivery. The child was dead. In addition, there was also a prescription for some sort of embrocation for her breasts; the affected parts to be rubbed with the same pro re natâ (occasionally). The compounder knew very well that pro was 'for,' but, not being quite satisfied about re, goes to his dictionary, and there finds res, a thing; then turns to nata, and finds natus, a, um, 'born; now, then, he has it right-' For the little thing born;' but deeming 'little thing' as too familiar, he, wishing to show all due respect to his master's patient, wrote on the label, ' The little infant newly born to be well rubbed with this embrocation," -Chamberlain's Tirocinium,

Novissime. Nuper, CELS. Nuperrimè. Perpetuus.\*

larynx.

The newest, the last. Lately. Very lately. Perpetual, everlasting.

Sect. 15.—De corporis partibus.

Of the Parts of the Body.

The skull. Calvaria; cranium. A summo capite; a vertice, At the top of the CELS.

Occipitium.

Frons. Guttur, CELS. (jugulum, The neck (fore part). CELS.; vel jugulust);

head.

The back part of the head.

The forehead.

† Jugulum (vel jugulus) signifies the fore part of the Airoat. Guttur is more general than jugulum, and denotes both the outside and the inside of the throat. It is thought o be connected with quita, because whatever liquoris drunk

<sup>\*</sup> The pilula perpetua, or everlasting pill, was composed of netallic antimony, which was believed to have the property of purging as often as it was swallowed. This was economy n right earnest, for a single pill would serve a whole family luring their lives, and might be transmitted as an heirloom to their posterity. We have heard of a lady who, having swallowed one of these pills, became seriously alarmed at its not passing: "Madam," said her physician, "fear not; it has already passed through a hundred patients without diffiulty" (Paris's Pharmacologia, p. 501, 9th edit. 1843).

Cervix; cervices,\* Cels.; The neck(backpart). nucha.†

Collum, CELS. Nucha capitis.

<sup>1</sup>Nasus; <sup>2</sup>naris, nares, † Cels.

Ex medio naso imisve narium partibus, CELS.

tril, the nostrils. From the middle of the nose, or the lower parts of the

The neck (whole).

The nape of the neck.

<sup>1</sup>The nose; <sup>2</sup>the nos-

nostrils.

Labrum, Cels.; labium; 2labra duo, labia duo.

Ex angulis labrorum, CELS.

Os, oris, CELS.; stoma (στόμα).

Gingīva; gingīvæ, CELS. Tonsilla, CELS.

<sup>1</sup>A lip; <sup>2</sup>two lips.

From the angles of the lips.

The mouth.

The gum; the gums. The tonsil.

passes through it drop by drop. Larynx indicates the upper and anterior part of the neck; jugulus rather the lower and anterior part.

\* Cervices is elegantly used for cervir. "Abscinderc cervicibus caput."-Cicero; "To cut off the head from the shoulders." The same author also uses cervix: "Impendet

cervici gladius."

† Nucha is from the Arabic, and signifies medulla spinalis, and emphatically its origin and commencement, to which part of the organ the term is applied in the technical language of the day. -Good's Nosology.

‡ Nares is by far a more general and clegant term in medicine than nasus, which is confined to the mere external

feature (Horae Subsectiva).

Auris; 2auricula, Cels.; 1The ear; 2the auricle; 3the pinna. 3pinna.\*

The ear-ache. Auricularum dolores, Cels.

From the lower Ex imis auribus; 2summis parts of the ears; auribus, CELS.

in the upper parts of the ears.

Behind the ear.

To be dropped into

the ear. Aurem infundere aliquod It is proper to pour

some medicine into the ear.

The cheek.

medicamentum oportet, CELS.

In aurem instillari, CELS.

Post aurem, CELS.

Gena; bucca, Cels.; mala,† CELS.

Aspera arteria; trachea. Bronchus; bronchium;

bronchia; bronchius.1

(Gula; pharynx; æsophagus. The gullet.

The windpipe. The bronchial tube.

\* Auris signifies the ear generally; auricula the flap of the ear with the auditory tube; pinna the flap of the ear

<sup>†</sup> Mala is generic, and expresses the cheek (the external and fleshy part) and the cheek-bone. Gena differs from mala in referring only to the external part of the face. Bucca refers to the same part of the face with gena, but regards it as eapable of eollapsing and being inflated at different times.

<sup>\*</sup> The two latter words, and their plurals, are very generaily and improperly used. The Latin terms are derived from the Greek words βρόγχος and βρόγχιον, which can only make "bronchus" and "bronchium."—Horæ Subsectivæ.

Fauces.

Uva, CELS.; uvula. Humerus, CELS.; <sup>2</sup>os humeri.

Clavicula; os jugulare; jugulum. Scapula, CELS.; <sup>2</sup>os scapularum.

Ala, Cels.; axilla, Cels. Brachium, CELS. Cubitus,\* CELS. Ancon; caput cubiti. Carpus. Palma, Cels.; vola.

Metacarpium.

<sup>1</sup>Digitus, Cels.; <sup>2</sup>pollex, <sup>1</sup>The finger; CELS.

Bini † digiti.

The throat (internal), the pharynx. The uvula. The shoulder (generally); 2the arm bone.

The clavicle or collar bone. The shoulder (back part); 2the shoul-

der blade. The armpit. The upper arm. The forearm. The elbow. The wrist. The palm of the hand. The back of the hand.

2the thumb. Two fingers.

<sup>\*</sup> Cubitus, ûs, signifies also a lying down; a bed or couch. † In speaking of the numbers of things of which there are two or more sets, it is much less elegant to use the simple numerals than the distributives. Thus we should say with propriety, "Seni deni dentes" (sixteen teeth); "Quini digiti" (five fingers); but not "Bina labra" (two lips), or "Bini oeuli" (two eyes); which, if not unclassical, is at least poe-

'horax, CELS.

ternum; os pectoris, CELS. pina dorsi. Cergum, CELS.; dorsum.

bdomen, † CELS.

Yenter; alvus, CELS.

Latus (lateris), CELS., VIRG., The side (below the HORACE.

Dolor laterum, Horace.

n latus aut dextrum aut Either upon his sinistrum, CELS.

Latus dolet, CELS.

The chest\* (the "cavity").

The breast-bone. The back-bone.

The back.

The belly (externally).

The belly (inter-

nally).

axilla).

Pain of the sides. right or left side.

The side is in pain

ieal (Horæ Subsecivæ). Bini is only used with a substantive in the plural number. Cieero found fault with his son for naving said duas literas, literae being used only in the plural to express "epistola." We say binas literas and duas

pistolas. \* An Irishman applied at a dispensary for relief. He was suffering from bronehitis, and was ordered to put a blister on his ehest. On the next day of attendance, Pat, in reply to 1 question, stated that the blister had not drawn. "How long did you keep it applied?" Ans. "It is on now." "Let me look at it." Ans. "I ean't; it's at home." On further enquiry, it appeared that he had fulfilled the directions given to him by applying the blister to his tool-ehest!! (A fact.)

† From abdo, to hide, because it hides the viseera. "Abdomen" is very improperly used, although by reputedly good authors, to signify the cavity of the belly; it is evident, from its etymology, as well as from its employment, that it should

be confined to the parietes (Hora Subseciva).

Præcordia, Cels.; scro- The pit of the stobiculus cordis; epigastrium; 2hypochondrium dextrum, sinistrum: 3umbilicus; hypogastrium; 5lumbus, lumbi; 6ilia.\*

mach; 2the hypochondrium, right. left; 3navel; 4the hypogastrium: 5the loin, the loins; 6the flanks. The liver.

Jecur, Cels.; hepar.

1. The epigastrie, 2. The umbilical.

3. The hypogastric.

Each zone is subdivided into three minor regions; the epigastric into the scrobiculus cordis or epigastrium, and the two hypochondriae regions; the umbilical into the umbilieus, and the two lumbar regions; and the hypogastric into the hypogastrium or pubic portion, and the two iliae regions or flanks at the sides. The relative positions of these parts are shown by the following diagram :-

right hypochondrium	epigastrium	left hypochondrium
right lumbar region	umbilieus	left lumbar region
right iliae region	hypogastrium	left iliae region

† The Latin tongue has two distinct terms to express the organ of the liver-hepar and jecur. The first is the Greek ήπαρ; jecur is a eognate of ήπαρ, Sanskrit jakrit. P and K are interchangeable letters. See Skeat's Etym. Diet. under " Hepatie."

<sup>\*</sup> The abdomen is divided by anatomists into three zones or regions:

FFel; bilis. LLien; splen, CELS. Ren, CELS. Inguen, Cels. Lumbus, CELS. Loci.

Wulva seu uterus; os vulvæ. The womb; the

(Canalis vulvæ. (Coxa, Cels.; coxendix; The hip; the hipos coxarum. 11Femur; 2crus, CELS.

Genu; 2poples, CELS. Patella, CELS.; mola; rotula.

Sura, CELS. 11 Mons pedis; 2 malleolus, 1 The instep; 2 the CELS., vel talus, CELS.;

3calx.

Planta pedis, CELS. Digiti pedis, CELS.

Bile.

The spleen. The kidney. The groin. The loins.

The female genitals.

the mouth of womb.

The vagina.

bone.

The thigh; the leg. The knee; the ham.

The kneepan. The calf.

ankle; 3the heel.

The sole of the foot. The toes.

Sect. 16.—De signis mor- Of the Symptoms of borum.

Tussi ingravescente.

Perstante ardore urinæ.

Diseases.

The cough increasing.

The heat in making water continuing. Dolore rheumatico torquente. Durante fluxu cruento.

Ventriculo jejuno; stomacho vacuo.

Si tussis increbucrit; si tussis accreverit.

Si vigiliæ anxerint.

Si pervigilium\* supervenerit.

Si malum arthriticum redintegraverit.

Si non dormiat; si non somnum capiat.

Si maximè augeat dyspnœa If aut tussis.

Si conqueritur dolorem.†

The rheumatic pain being troublesome. During the bloody flux.

The stomach being empty.

If the cough shall have increased.

If the watchings should be trouble some.

If intense watching should come on.

If the arthritic (gouty) pain should be renewed.

If the patient do not sleep.

If difficulty of breathing, or cough, should be very troublesome.

If the patient complains of pain.

† It is much less usual, and therefore less proper, to use these words with a preposition and ablative ease, than with

<sup>\*</sup> Pervigilium is frequently translated "a watching;" in which sense it would be synonymous with vigilia. It signifies, however, great or intense watching; or, as Gesner (Thesaurus) expresses it, "multa vigilia."

Si tenesmus iterum redierit. If tenesmus should again return.

Si vires sinunt, CELS.

Si febris adest, CELS.

Si per hæc dolor non finitur, CELS.

Ubi vigilia torsit, CELS.

(Cum nocturnâ vigiliâ premitur, CELS.

Si malum urgeat.

Si sitis urget; si sitis est; si If the patient be sitis vexat, CELS.; si sitiat.

Si spasmus ventriculi aderit.

Si minetur morbus.

Urgente dolore vel tussi.

Digitis cedere foveolamque accipere.

Dentium stridor: dentibus frendere.

If strength permit.

If fever be present.

If the pain be not allayed by these means.

When want of sleep distresses.

When he is troubled with night watching.

If the pain should be urgent.

thirsty.

If the spasm of the stomach be present.

disease If the threaten.

The pain or cough being troublesome. To pit on pressure.

Grinding of the teeth; to grind

the teeth.

the accusative: thus, "Conqueritur dolorem" is preferable to "de dolore" (Horæ Subsecivæ).

Cibi fastidium (anorexia seu Want of appetite. inappetentia).

Cibi aviditas (bulimia). Too great appetite. Molestante languore aut The languor or flaflatulentia.

Febre aggrediente; 2febre When the fever is absente; 3febre durante (adstante, vel astante); durante febris exacerbatione.\*

Donec afficiantur gingivæ.

Donec gingivæ intumescant. Until the

Donec ptyalismus † (cursus Until ptyalism is salivæ adauctus, seu fluxus salivæ adauctus) cieatur.

Donec abierit spasmus.

tulence troublesome.

coming on; 2when the fever is absent; 3during the fever.

Until the gums are affected.

become swollen. produced.

Until the spasm has passed.

<sup>\*</sup> The interval between the paroxysms of an intermitting fever was termed by the Greeks apprexy (amupekia), by the Latins intermission (intermissio). If, however, the interval was only a remission, instead of a perfect intermission, the return of the hot fit was denominated exacerbation (exacerbatio). Dr. Mason Good uses the term to signify the paroxysm of a disease whose intervals are merely imperfect; or remission is the strict meaning of paroxysm when literally rendered.

<sup>†</sup> Ptyalismus, πτυελισμός or πτυαλισμός, from πτύω exspuo, exscreo.

Donec dolor exulaverit.

Donec evanescant symptomata.

Donec pustulas excitet, CELS.

Donec dolor mitescat.

Donec somnus obrepat. Donec æger convalescat.

Donec singultus et nisus Until the hiccup ad vomitum cessavcrint.

Donec altera accessio accedat, CELS.\*

Until the pain has ceased.

Until the symptoms disappear.

Until it excites pustules.

Until the pain mitigates.

Until sleep come on. Until the patient is well.

and attempts to vomit shall have ceased.

Until another accession accedes comes on.

Among recent writers, however, and generally in the present day, while the term paroxysm is applied not merely to fever fits, but to fits of every violent and intermitting disorder whatever, the term accession is limited to the commencement or onset of a fit,-its insultus, as denominated by the Latin writers; and hence Dr. Cullen (First

<sup>\*</sup> The term accession (accessio or accessus) was employed by the Latin writers in a sense precisely parallel with the Greek word paro.cysm ( $\pi a po \xi v \sigma \mu \delta s$ ), and embraced either the cold or hot stages of a febrile seizure, the only stages into which such seizure was divided; the declination (declinatio) not being accounted a part of the paroxysm. Hence paroxysm is a term not to be found in Celsus, who uniformly employs accessio in its stead.

Pro casûs exigentiâ: According to the pro rei exigentiâ. urgency of the case. Dum vires corporis sinunt, As long as the CELS. strength permits. Ubi dolor urget, CELS. When the pain is violent. Dum febris absit, CELS. While the fever is

absent.

Lines, chap. 3, sect. lvi.) speaks of the "accession of paroxysms," a phraseology which would be nonsense according to the original meaning of the terms; while Dr. Turton, with evident indecision upon the subject, defines accessio, in his Glossary, "the beginning or paroxysm of an intermitting fever" (allowing the reader to take which sense he will); and paroxysmus, "an access, fit, or exaccrbation of a disease;" giving still greater latitude, as well in respect to the genus as the stage of the morbid affection. The "accession of paroxysms" of Cullen is, in the language of the Latin translators of Galen, "incrementa accessionum" (Gal. de Differ. Fcb. lib. ii. cap. 4). In some cases (as in his definition of hectic fever), Cullen seems to employ the term "accession" as synonymous with paroxysm. Notwithstanding the general appropriation of the word accession among the Latin writers to the whole duration of a fever fit, or what is now called a paroxysm, its radical idea imports simply "advance, approach, entrance, avenue;" and in this meaning Celsus himself is perpetually using the term in its verbal form, and occasionally indeed in connection with accessio in its technical signification, as "donec altera accessio accedat." Dr. Mason Good uses the term to signify the commencement or onset of an exacerbation of any kind (see his Nosology).

SECT. 17.—De viribus et usu remediorum.

Sanare; ad sanitatem perducere, CELS.

Morbum curtare; ad morbum curtandum.

Ad recidivum præcavendum.

Recidivum timere, CELS.

Dolorem lenire, CELS. (sedare, vel tollere).

Somnum moliri, movere, CELS. (facere, afferre, vel conciliare).

Efficere ut quiescat; ad quietem conciliandam. In lecto collocare, CELS.

Urinam excitare.

Menstrua evocare.

Ad acorem compescendum.

Acorem, ardoremque corrigere.

Of the Powers and Uses of Remedies.

To cure.

To shorten the disease.

To prevent a relapse.

To apprehend or fear a relapse.

To allay (or relieve)

To produce sleep.

To quiet, to induce repose.

To place in bed.

To increase the flow of urine.

To promote the menses.

To moderate the acidity.

To correct the acidity and heat (of the stomach).

Ad gustum conciliandum. Gratum saporem reddere.

Caput sublime habere, CELS.

Os fumigare.

Valetudinarium et vestimenta fumigare.

Inhalare vapores aquæ tepidæ (vel calidæ).

Vaporem calidum ore recipere, CELS.

Putredini occurrere.

Spasmos discutere (vel depellere).

Vermes (spiritum; flatum) To expel dejicere (expellere, vel elidere).

Vermes 'protrahere;— <sup>2</sup>enecare; -3educere, CELS.

Ad calculos valere, præstare.

Adurere, CELS. Rodere, exedere, CELS.

To please the palate. To give an agreeable taste.

To raise the head.

To fumigate mouth.

To fumigate the sick-room and the clothing.

To inhale the vapour of tepid (warm) water.

To receive warm vapour into the mouth.

To obviate putrescency. To allay spasm.

Worms (wind).

To extract, 2to destroy, 3to take out worms.

To act on calculi.

To cauterize. To corrode.

Quod occurrit putredini; That which obviates putrescency; an antiseptic.

SECT. 18.—Dr. Duncan's Classification of the General Terms used by Writers on General Therapeutics and Pharmacology, with some additions.

"Although many of these terms are obsolete, some of them vague and ill-defined, and others hypothetical, yet, as they occur in writers of aauthority, and are sometimes useful, I have col-Lected them together. Dr. Cullen \* has given a pretty full alphabetical catalogue of many of them, stating, in regard to each term, in what ssense it has been commonly or particularly employed, with what propriety it has been used, why he does not employ it, and very often why iit should not be employed at all. I have attempted, in imitation of Linnæus,† to arrange them systematically, generally contrasting with each term its antagonist or opposite term, when any has been used, so as to abbreviate explanation, and frequently to render it unnecessary."

† Materia Medica, liber i. de Plantis. 8vo. Amsteledami, 1719.

<sup>\*</sup> A Treatise on Materia Medica, in two volumes, 4to. Edinburgh, 1789. See vol. i. p. 161.

Terms derived from the Action of External Agents.

I. ON THE FUNCTION OF ASSIMILATION.

Synthetica—tend to the formation of the body.

\*\* Analytica—tend to decompose and waste it.

Nutrientia—nourish the body.

Restaurantia, Analeptica—restore lost strength.

II. ON THE MECHANICAL STATE OF THE SOLIDS.

Humectantia, \* Absorbentia, Exsiccantia.
Emollientia, Laxantia, Relaxantia, Chalastica,
Impinguantia, \* Astringentia, Indurantia,
Tonica, Roborantia.

III. ON THE VITAL FUNCTIONS OF THE SOLIDS.

Stimuli, Stimulantia, Alexiteria, Hypersthenica, × Contrastimuli, Hyposthenica. Excitantia, × Sedantia, Deprimentia.

Intoxicantia, Fadantia, Deprimentia.

Intoxicantia, Inebriantia, Narcotica, Fatuantia,
Temulentia, Phantastica, 
Antitoxica,
Antidota, Alexipharmaca, Alexicaca, Theriaca,
Bezoartica.

Anthypnotica, × Hypnotica, Somnifera, Argrypnotica.

Hyperæsthetica, × Anæsthetica. Spastica, Convulsiva, Tetanica, × Paralytica. Calefacientia, × Refrigerantia.

### IV. ON VESSELS OR CANALS.

mastomotica—opening the extreme orifices of blood-vessels. × Styptica, Stenotica, Ischæma—contracting the orifices of vessels or calibre of canals.

perientia, Solventia, Deobstruentia, Deoppilantia—removing obstructions.

### V. on FLUIDS.

1. Altering quantity.

nplentia, x Deplentia.

2. Altering distribution.

ttrahentia, Epispastica, draw fluids to a part. × Repellentia, Repercutientia. Intercipientia, Apocrustica, drive fluids from a

part.
Derivativa, Revulsiva, draw fluids from a part.

3. Altering consistence, Diathetica. Diluentia, Inundantia, × Inspissantia. Incidentia, Attenuantia, × Incrassantia.

4. Altering quality.

Dyscrasiaca, Immutantia, Alliotica, Alterantia. In- Ob-volventia, Obtundentia, Inviscantia, blunting acrimony.

L'enientia—Temperantia, Demulcentia, Edulcorantia, Antacria, correct irritants. Antacida, Absorbentia, × Antalkalina.

Depurantia, Abstersiva, removing acrimony. Balsamica, resisting bitter putridity. Spanæmica, \* Hæmatinica.

VI. ON NATURAL SECRETIONS AND EXCRETIONS.

Eccritica.

Evacuantia, Evacuatoria, X Sistentia, Reprimentia, Cohibentia.

Errhina, Ptarmica, Sternutatoria.

Anacathartica, Pituitosa, Apophlegmatizonta, Apophlegmatizantia, Apophlegmatica,

purge upwards.

Masticatoria, Sialogoga, Salivantia, Ptyalagoga.

Expectorantia, Tussiculosa.

Emetica, Vomitoria, Singultuosa, 😠 Antiemetica. Physagoga, Ructatoria, Carminativa,

Borborygmica, Flatulentia. Cathartica, purge downwards.

Eccoprotica, Alviduca, Laxativa, Laxantia, Lenitiva, Purgantia leniora et mitiora.

Purgantia drastica.

Panchymagoga.

Hydragoga.

Phlegmagoga.

Cholagoga.

Melanogoga.

Diuretica.

Menagoga, Emmenagoga.

Abortiva, Amblotica, Ecbolica, Amblothridia.

Aristolochica.

lactifera, Galactophora, \* Lactifuga.
Diapnoica, Diaphoretica, promote insensible perspiration.

udorifica, Hidrotica, Perspirantia, produce sweat.

Terms derived from the Body itself.

VII. TERMS DERIVED FROM DISEASES.

Lcopa, against lassitude.

antisthenica, Debilitantia.

Antipyretica, Antiphlogistica, Antifebrilia, Febrifuga.

Aintiquartana.

Antiloimica, against plague.

Antihectica.

Anticachectica.

Antiseptica, against putrid diseases, \* Septica.

Antispasmodica.

Antiparalytica.

Antidinica, against giddiness.

Alnodyna, Paregorica, Sopientia, agains tpain.

Antiphthisica.

Hysterica, Antihysterica, Anthypochondriaca.

Anticolica.

Antidysenterica.

Arthritica, Antarthritica, Antipodagrica.

Antiscorbutica.

Antilyssus, against the bite of a mad dog.

Antivenerea.

Antiambusta, Anticaustica, against burns. Antiscolica, Anthelmintica, Helminthagoga, Vermifuga, against worms.

Phtheiroctonia, Phthiriaca, against lice. Lithontriptica, Lithonthryptica, Saxifraga, Lithica, Antilithica.

VIII. TERMS DERIVED FROM PARTS AND FUNCTIONS OF THE BODY.

Generalia, \* Topica.

Nervina.

Cerebralia, Spinalia, Ganglionica, acting on the respective systems of nerves.

Muscularia.

Visceralia.

Absorbentia.

Cephalica, Anamnestica, improving the memory.

Cosmetica.

Ophthalmica.

Nasalia.

Acoustica, Otica.

Odontica, Odontalgica, Dentifricia. Depilatoria, Psilothria, remove hairs

Thoracica.

Pectoralia, Arteriaca, Pneumonica, Pulmonica, Becchica.

Cardiaca, Cordialia.

Abdominalia.

Stomachica.

Enterica.

Hepatica.

Splenica.

Sialica.

Pancreatica.

Antinephritica, Nephritica.

Genetica.

Uterina.

phrodisiaca, × Anaphrodisiaca,
Antaphrodisiaca, Sophisticantia, Sterilitantia

X. TERMS APPLIED TO EXTERNAL AND TOPICAL REMEDIES.

Abstergentia, Detergentia, Abluentia.

Lubricantia, \* Absorbentia.

Resolventia, Discutientia, 

✓ Suppurantia,

Maturantia.

Emollientia, × Adstringentia, Roborantia externa, Indurantia.

Rubefacientia, x Refrigerantia.

Vesicatoria, Excoriantia, Exulcerantia, Corrosiva.
Escharotica, Erodentia, Phagedænica, Caustica.

x Cicatrizantia, Epulotica.

Anaplerotica, Sarcotica, Consolidantia,

Vulneraria, Glutinantia.

Exsiccantia, x Digerantia, Digestiva.

Mundificantia, Cathæretica.

Vulneraria, Traumatica, Agglutinantia.

Catagmatica, Syllotica, uniting fractured bones.

Terms derived from Medicine.

Aloedaria, Aloetica.

Aloephangina, a mixture of aloes and aromatics. Mucilaginosa, Oleosa.

Terms from imaginary virtues.

Archæalia, agreeable to Archæus. Basilica, of noble power. Heroica, of great virtue.

SECT. 19.—De cibo.

Of Food.

<sup>1</sup>Cibus; <sup>2</sup>alimentum; <sup>3</sup>esca, <sup>1</sup>Food (any kind); Cels.

<sup>2</sup>aliment or nourishment; <sup>3</sup>eatable food.

<sup>1</sup>Victus, Cels.; diæta.— <sup>1</sup>Diet (course of food).

<sup>2</sup>Regimen.—<sup>2</sup>Regimen.

Cibus 'plenus (plenior); Food 'plenteous

'valentissimus; 'suberior; [i. e. full diet];

'robustior, Cels. 'very nourishing;

'smore abundant:

fstronger.

Diæta ¹carnis, ²jusculi, Diet, ¹meat, ²soup, ³lactis, ⁴simplex. ³milk, ⁴simple.
Cibus mediocris, Cels. Food moderate.
Cibus, ¹tenuis, ²simplex, Food, ¹light, ²simple, ³mollis, ⁴calidus, ³soft, ⁴warm, ⁵small

³mollis, ⁴calidus, ³soft,⁴warm,⁵small ⁵exiguus, ⁶levis, Cels. in quantity, ⁶light. Alimentum liberale, Cels. Nourishment ample otio liberalis, CELS.

um debito regimine.

Hordeum, Cels.; <sup>2</sup>farina hordei seu hordeacea, CELS.: 3hordeum mundatum; hordeum perlatum. \_5Maltum, byne (βύνη), brasium; 6infusum bynes, brasii seu malti; 7decoctum hordei, vel aqua hordeata.

Avena: 2farina avenæ; <sup>3</sup>avena excorticata seu grutum; decoctum avenæ.

Triticum, Cels.; <sup>2</sup>farina tritici, Cels.; 3amylum\* tritici; furfur, Čels.; furfures tritici; 5farina tritici tosta.

Secale; 2secale cornutum 1Rye; 2spurred rye vel ergota.

[i. e. a liberal allowance of ].

Drink ample [i. e. a liberal allowance of].

With appropriate re-

gimen.

<sup>2</sup>barley-<sup>1</sup>Barley; meal; 3Scotch, hulled, or pot barley; 'pearl barley.—5 Malt; 6 wort, or sweet wort; barley water.

Oats; 20atmeal; 3decorticated oats or groats; 4watergruel.

Wheat; wheaten flour; 3wheaten starch; 'bran; 5haked flour.

or ergot.

<sup>\*</sup> Amylum, from à not, and  $\mu \dot{\nu} \lambda \eta$  a mill: because it is nade without the aid of a mill.

Oryza, Cels. Panis, Cels. — Panis fer-Bread.—Bread fermentatus; sine fermento, Cels.; panis azymus.— Panis bis coctus, Cels.; panis iterum coctus, PLINY.— Panis nauticus, PLINY.— Panis tostus; <sup>7</sup>panis ustus; <sup>8</sup>panis aridus, Cels. — Interior pars panis, Cels.; mica panis. — 10 Crusta panis, PLINY .--Panis hesternus, Cels.-12 Panis hordeaceus, CELS.; <sup>13</sup>panis secalinus; 14 panis triticeus.— <sup>15</sup>Panis candidus, Cels.; 16 panis furfuraceus.

Turundæ Italicæ.

Pastus. Jus, Cels.; jusculum. Jus anserinum, Cels.—Jus Goose broth. ovillum, CELS.; jus vervecinum.—3Jus bovillum; jus bovinum, — Jus

Rice.

mented or leavened; 3unfermented or unleavened. - Biscuit. -5Ship-bread or sea-biscuit.-<sup>6</sup>Toasted bread: <sup>7</sup>burnt bread; 8dry bread; ocrumb of bread. -10 Crust of bread. -11 Yesterday's bread. — 12 Barley bread; 13rye bread; 14wheaten bread. -15White bread; 16brown or bran bread. Italian pastes (as macaroni, vermicelli, and Cagliari paste).  $\mathbf{Food}$ . Broth.

2Mutton broth.—

3Beef tea,—4Veal

broth.

vitulinum, Cels.; jus vituli, Pliny.— Jus pulli gallinacei, Cels.; jus gallinaceum, Pliny; jus pullinum. — Jus testudinis concentratum.
— Jusculum avenaceum.
Puls, Pliny. — Pulticula,

Polenta, PLINY.

CELS.

Lac muliebre, Cels.; lac humanum [vel mulierum, PLINY].—<sup>2</sup>Lac asininum, Cels.; lac ex asinis, PLINY; lac asellæ.†—

<sup>5</sup>Chicken broth.— <sup>6</sup>Turtle soup — <sup>7</sup>Gruel.

porridge, pap.—

<sup>2</sup>Thin porridge.

Polenta.\*

<sup>1</sup>Woman's milk.—

<sup>2</sup>Ass's milk.—

<sup>3</sup>Cow's milk.—

<sup>4</sup>Goat's milk.—

1A kind of thick

<sup>\*</sup> The polenta of the ancients was barley bread dried at the fire, and fried after it had lain soaking in water one night. The substance sold in the London shops under the name of polenta is the meal of Indian corn (Zea Mays). The Italians apply the name polenta to a kind of pudding made with Indian corn. The word polenta is derived from pollen, inis, fine flour.

<sup>†</sup> Asella is a little she-ass.—Asellus signifies a little or young ass. This word has also been extended to fishes, as the Cod (Morrhua vulgaris), which have the colour of the ass. At least, Varro, in speaking of fishes named from their colour, mentions the Asellus, or Cod, as deriving its name from this circumstance. Those, therefore, who trust to a dictionary, might not be able to tell whether oleum jecoris aselli meant the oil of a cod's liver or the oil of an ass's liver. In 1839 the latter translation was actually adopted by a writer in a medical journal, who gravely in-

<sup>3</sup>Lac bubulum, Cels.; lac vaccinum, Pliny.—<sup>4</sup>Lac caprinum, Cels.; lac caprarum, Pliny.—<sup>5</sup>Lac ovillum, Cels.; lac ovium, Pliny.—<sup>6</sup>Lac equinum, Pliny.

<sup>5</sup>Ewe's milk.—
<sup>6</sup>Mare's milk.

In lacte exhibendum.\*

<sup>1</sup>Flos lactis; cremor lactis. —<sup>2</sup>Butyrum.—<sup>3</sup>Lac butyratum.—<sup>4</sup>Serum lactis.—<sup>5</sup>Serum lactis vinosum.—<sup>6</sup>Serum lactis tartarizatum.—<sup>7</sup>Serum lactis aluminatum; To be administered in milk.

Cream. - 2Butter.—

Butter-milk.—

<sup>3</sup>Butter-milk.—
<sup>4</sup>Whey.—<sup>5</sup>Wine whey.—<sup>6</sup>Cream of tartar whey.—
<sup>7</sup>Alum whey.—
<sup>8</sup>Tamarind whey.

formed his readers that the Germans had been using oil of asses' livers for fifteen years! Pliny says that there were two kinds of Aselli; one smaller, called Callaria; the other found in deep water, and denominated Bacchi. By some later writers the term Asellus has been extended to several species of the Cod-tribe. Thus the common eod is called Asellus major; the Ling, Asellus longus; the Coal-fish, Asellus niger; the Whiting, Asellus albus; the Dorse, Asellus striatus; the Pollack, A. Haifingo. Millepedes (Armadillo efficinarum) have been denominated aselli on account of their colour being that of an ass. Dioscorides calls them δνοι, or asses; others have termed them onisci (δνίσκοι), or little asses.

\* "I have known the following Latin (which, by the bye, is continually written) translated thus: Maneat in lecto, 'in milk in a morning.' Mane in lacte exhibend, 'and be particular to remain in bed,'"—Chamberlain's Tirocinium

Medicum.

serum aluminosum.-

Serum lactis

tamarindatum.-

<sup>19</sup>Saccharum lactis;

saccholactin.

lx gelatinâ ribesiâ, *vel* 

ribesiorum.—2Ex

gelatinâ vituli.

Elx melle pinguive ullo humore; 2in quovis vehiculo crasso; \* 3in

quovis grato vehiculo.

Spiritus vini Gallici.—

Spiritus sacchari.-

3Spiritus oryzæ.— 'Spiritus juniperi.—

<sup>5</sup>Spiritus lactis equini.—

<sup>6</sup>Spiritus frumenti.

Vinum; merum; temetum. § Wine. linum album vel rubrum.

Vinum Capense.

-9Sugar of milk, or saccholactin.

In currant jelly.— <sup>2</sup>In calf's [foot]

jelly.

In honey, or anything thick; 2in any thick vehicle; 3in any agreeable vehicle.

Brandy. - 2Rum. -3Arrack. + - 4Gin, Hollands, Geneva. —5Koumiss.— <sup>6</sup>Corn spirit.

White or red wine. Cape wine.

\* Merum is properly an adjective, and signifies pure, unnixed. When said of wine, vinum is understood, and it

ignifies pure wine.

<sup>\*</sup> Said to have been translated, "in a stout hackney coach." † Arrack, or rack, is the name applied not only to rice pirit (spiritus oruzer), but also to the spirit obtained by disillation from fermented eoeoa-nut toddy (by some called "alm wine).

<sup>§</sup> Temetum signifies a strong and heady wine.

<sup>1</sup>Vinum Gallicum; <sup>2</sup>V. Bur- <sup>1</sup>French wine; gundicum; 3V. Burdigalense; 4V. Campanicum; <sup>5</sup>V. Rubellum seu Helvolum vel Gravianum; <sup>6</sup>V. Languedocium. <sup>1</sup>Vinum Germanicum; <sup>2</sup>V. <sup>1</sup>German wine;

Rhenanum seu Rhenense (V. Hochheimense);

<sup>3</sup>V. Mosellanum.

Vinum Lusitanicum seu Portugallicum. Vinum Toccaviense

(seu Tibicense).

Vinum Hispanicum album, 1Spanish white wine, seu Xeres vel Xeræ; V. Xericum; V. album; <sup>2</sup>V. Illicitanum seu Alicanticum; 3V. Malaccense; <sup>4</sup>V. Tinto.

Vinum Maderaicum. Vinum Canariense.

Vinum pomaceum; <sup>2</sup>V. pyraceum.

Vinum generosum, Hor.

<sup>2</sup>Burgundy;

Bordeaux;

4Champagne;

5Claret; Frontignac.

<sup>2</sup>Rhenish (as Hochheimer,\* commonly called Hock); 3Moselle.

Port wine.

Tokay.

sherry; 2Alicant wine; Malaga or Mountain: 4Tent-wine (Rota).

Madeira wine. Canary wine. 'Cider; <sup>2</sup>Perry. Generous or strong wine.

\* The termination heimer (Heim, home) is in Germany given to many wines; as Laubenheimer, Rildesheimer, &c. Pump-water is sometimes jocosely called at table Pumpenheimer.

inum vetustate edentulum, PLAUT.

Cerevisia vel cervisia, zythum:\* <sup>2</sup>cerevisia familiaris; ³cerevisia Londinensis: 4cerevisia tenuis, secundaria vel cibaria: <sup>5</sup>cerevisia primaria, generosa; cerevisia fortis;† 6alla; 7cerevisia vetula; spotus acidus; svappa; 10 potus recens; 11 cerevisia lupulata, non lupulata.

(Cerevisia avenacea; 2cere-1Beer made from oats; visia secalina; ³cerevisia hordeacea; cerevisia pini; <sup>5</sup>cerevisia lagenaria.

Cerevisia amara. Pro potu communi; pro potu ordinario. Potus inebrians.

''Aqua communis;2destillata; 1Common 3fervens; 4fluviatilis; 5fon-

Mellow wine.

<sup>1</sup>Beer or ale; <sup>2</sup>household beer; London beer or porter; 4table beer; <sup>5</sup>strong beer; <sup>6</sup>ale; <sup>7</sup>stale beer; <sup>8</sup>hard or acid beer; 9dead beer; 10 fresh beer; "beer hopped, not hopped.

<sup>2</sup>from rye; <sup>3</sup>from barley; 4spruce beer; bottled beer. Bitter beer or ale. For common drink.

Strong liquor drink.

water; 2distilled; 3hot;

† The word fortis is applicable to certain states of the mind only, and therefore is inapplicable to beer.

<sup>\*</sup> Zythum (ζυθος) was a kind of beer obtained by fermentation from barley. Cervisia was made from unmalted barley; its colour, therefore, would be pale, and in this respect would resemble ale. Ale and beer of the present day are flavoured with hops, and hence they are sometimes called hopped beer (Cervisia Inpulata).

tana seu fontis;\* 6pluviatilis seu pluvia; <sup>7</sup>nivalis. Aqua mirabilis.

4river; 5spring; <sup>6</sup>rain: <sup>7</sup>snow.

Admirable or wonderful water (an aromatic spirit prepared with French brandy, cinnamon, mace, and other aromatics).

Aquatostipanis; 2decoctum Toast-water; hordei; 3infusum theæ; infusum carnis bubulæ: 5inf. carnis bubulæ concentratum; 6cacoa; 7chocolata: scoffea, infusum coffee.

<sup>2</sup>barley water; 3infusion of tea, or tea commonly so called; beef-tea; 5beef - gravy or soup; 6cocoa; 7chocolate; 8coffee,

or infusion of coffee. and fermented

drinks.

Potiones ardentes; vinolentæ Spirituous, vinous, seu meraciores; cerevisiæ.

Sect. 20,-De instrumentis Of Pharmaceutical pharmaceuticis. Instruments.

Instrumenta, apparatus, An apparatus (genemachinamenta. rally).

<sup>\*</sup> Aqua fontis has been misread aqua fortis. See foot-note to chap. vii. p. 124.

Bulter, cultellus. Pistillum.

Mortarium ('vitreum,\* fictile, marmoreum, 4ferreum, 5ligneum).

Spathula.

Porphyrites.

A knife.

A pestle.

A mortar (of 'glass, <sup>2</sup>earthenware, 3marble. 5wood.)

A spatula.

A levigating or smoothing stone (sometimes made of porphyry).

A vessel (1 of earthen-Was, vasculum (¹fictile, figulare; 2loricatum, vitreatum).

"Vitrum; <sup>2</sup>vitrea, PLINY; <sup>1</sup>Glass; <sup>2</sup>glasses ³phiala; ⁴lagena; ⁵ampulla.

Orificio amplo præditus.

lIn vitro chartâ nigrâ involuto (seu obducto). ware; 2glazed). (vessels made of glass); 3a phial;

<sup>4</sup>a flask; <sup>5</sup>a bottle. Furnished with a wide orifice.

In glass [that is, in a glass vessel] which is enveloped by black paper [to exclude the light].

<sup>1</sup>A stopper; <sup>2</sup>a cover or lid.

Obturamentum, PLINY; epistomium; 2operculum.

In expressing the matter of which any substance was directly composed, as well as the vegetable or animal from which anything was derived, the Romans almost always used an adjective; and this, in the former case, usually terminated in cus. - Horæ Subsecivæ.

### 110 TERMS AND PHRASES USED IN PRESCRIPTIONS.

Obturamenta suberea; opercula suberea, obturamenta vitrea.

Pyxis (pyxidis), PLINY;

pyxis stannea, PLINY;

pyxis lignea, fictilis,

chartacea.

Pyxidicula, Cels.

Scatula.

Olla, PLINY; <sup>2</sup>ollula; <sup>3</sup>olla fictilis, PLINY; <sup>4</sup>olla alba, grisea, fusca; <sup>5</sup>olla epistomio subereo vel vesicà clausa.

Narthecium, Cic.

'Cork stoppers [corks and bungs]; 'glass

stoppers.

A box; an apothecary's box or gallipot; 2a tin box; 3a wooden box; 4an earthen box or gallipot; 5a paper box.

A little box used by apothecaries, and capable of holding liquids; a gallipot.

A wooden or chip box [as the pill, ointment, or lozenge

box.

Apot [usually carthenware]; <sup>2</sup>a little pot; <sup>3</sup>an earthen pot; <sup>4</sup>a white, grey. or brown pot; <sup>5</sup>a pot closed by a cork stopper [as by a bung] or by a bladder.

A box, gallipot, or place to keep medicines in. [It applies to the pots or

rcula. ictilia.

nfundibulum; per infundibulum. Wirga; <sup>2</sup>baculus *vel* baculum; <sup>3</sup>bacillum.

'irga vitrea.

) pe bacilli lignei.

Thermometrum
(Fahrenheitianum).

Pannus (¹crassus, ²tenuis, ³linteus, ⁴cannabinus, ⁵gossypinus, ⁶sericus, ʾlaneus).

Pribrum (setaceum).

er cribrum.\*

Saccus, sacculus; <sup>2</sup>manica Hippocratis.

Cypus. Cegula. jars in which the apothecary keeps his medicines.]

An ointment box.

Earthen vessels, earthenware.

A funnel; through a funnel.

<sup>1</sup>A rod or twig; <sup>2</sup>a stick; <sup>3</sup>a little stick.

A glass rod.

By means of a small wooden stick.

A thermometer (Fahrenheit's).

A cloth ('coarse,

2fine, 3linen,
4hempen, 5cotton,
6silk, 7woollen).

A sieve (hair). Through a sieve.

<sup>1</sup>A bag, a little bag; <sup>2</sup>Hippocrates's sleeve (a conical flannel bag used for filtration).

A mould.

<sup>\* &</sup>quot;Ope cribri" is less classical than "per cribrum."

<sup>1</sup>Charta; <sup>2</sup>chartula; <sup>3</sup>chartulæ.

Charta bibula;

<sup>2</sup>c. emporetica;

<sup>3</sup>c. cærulea;

<sup>4</sup>c. epistolaris;

<sup>5</sup>c. augusta;

<sup>6</sup>c. cerata;

<sup>7</sup>c. lævigata seu dentata;

<sup>8</sup>c. exploratoria [cærulea vel rubefacta].

<sup>1</sup>Charta pura ; <sup>2</sup>schediasma.

Dentur in chartis.

Paper; <sup>2</sup>a small piece of paper; <sup>3</sup>small papers [papers kept ready cut in apothecaries' shops].

caries' shops.

Bibulous or blotting
paper; 2pack or
brown paper; 3blue
paper; 4writing
paper; 5fine paper;
6waxed paper;
7smooth paper;
8test paper [blue
or reddened].

<sup>1</sup>Clean paper (not written on); <sup>2</sup>waste paper.

Let them be sent in papers.

[Other terms pertaining to pharmaceutical instruments, &c., which occasionally occur in prescriptions, have been already mentioned.

Relating to plasters . . . p. 29-32.

,, electrifying . . p. 40-45. galvanizing . . p. 45-47.

magnetizing . p. 43-47.

bathing . . . p. 60–66.

measures . . p. 66-71.

ECT. 21.-De instrumentis Of Surgical Instruments. chirurgicis.

A bandage for hernia Bracherium seu (i.e. a truss). retinaculum. Ferula; canalis; canalicus; A splint; 2 sling.

2mitella.

A syringe (livory, Sipho (¹eburneus, ²vitreus). <sup>2</sup>glass).

A sponge. Spongia, spongiola.

A painter's pencil or Penicillus vel penicillum. brush.

By means of a Ope penicilli camelini. camel's pencil.

<sup>1</sup>A pipe; <sup>2</sup>a tube; Fistula; 2tubus; 3calamus. <sup>3</sup>a reed.

Through a glass tube. Per fistulam vitream.

Other terms pertaining to surgical instruments, which occur in prescriptions, have been before mentioned.

> Relating to blood-letting. . p. 19. cupping . . . p. 20-26.

tooth-drawing . p. 27.

shaving . . . p. 35-37.

issues and setons p. 37-40. injections p. 53-55. "

catheterism . p. 58.] 22

SECT. 22.—De modis pharma- Of Pharmaceutical Operations.

Formula, ratio, modus, processus, operatio.
Compositio, præparatio.
Parare,\* comparare, conficere, componere, præparare.
Medicamentum augustum

Medicamentum curatum, præparatum.†

Ad aptam crassitudinem; ad aptam mollitiem; ad idoneam spissitatem; ad debitam spissitudinem; ad debitam tenacitatem.

Ad gratam aciditatem (acerbitatem).

A process, operation.

A preparation.
To prepare or compose.

A prepared or treated medicine.

To a proper consistence.

To an agreeable acidity.

† "In almost the only example of the use of this word by Celsus, it evidently signifies not treated in general, for medicinal use, but 'got ready before.' 'Curatus.' in the former sense, is common both in Celsus and Pliny."—Horæ Subsective.

<sup>\* &</sup>quot;In stating how a medicine was to be prepared, as indeed in ordering at any time, it was more usual among the Romans, and apparently considered less arbitrary and offensive, to use the future of the indicative than the imperative mood. Thus, 'Mittes in ollam et calefacies' seems to be a politer as well as more classical form of expression than the modern one of 'Mitte et calefac.'"—Hore Subsectiva.

ncussoprius vitro; phialâ The bottle being preprius agitatâ vel concussâ; viously shaken.\* ase prius agitato; ante agenam.

agenam. ore solito; imodo præscripto.

curatè pensus. rractâ effervescentiâ. <sup>1</sup>In the accustomed manner; <sup>2</sup>in the manner prescribed. Accurately weighed. The effervescence being finished.

# IN PRESCRIPTIONS.

The Latin names by which the various articles the Materia Medica are usually designated in escriptions are those employed in the Pharmapeia. They are, for the most part, scientific any of the medicines of recent discovery have

The Homoeopathists are of opinion that rubbing or shakgaugments the activity of a medicine. Hence they lay win the exact period of time requisite for these operations, the number of rubs and shakes the medicine is to receive, rexample, in dissolving a solid in water, we are told to the pital "circa axim suam," and at each attenuation shake it twice—"bis, brachio quidem bis moto, concute"!!

in fact, only scientific names; as the salt called iodide of potassium (potassii iodidum), or, less correctly, hydriodate of potash (potassæ hydriodas). But those substances which were known to the ancient Greeks and Romans have also their appropriate elassical names; as spuma argenti (litharge), alumen (alum). Lastly, there is another description of names which, as being neither scientific nor classical, I shall call barbarous. These are the names applied to substances discovered subsequent to the downfall of the Roman Empire, but anterior to the introduction of a scientific nomenclature into pharmacy.

Calomel\* (calomelas) and corrosive sublimate (sublimatus corrosivus) are illustrations of the last class of names.

The following are a few examples of the unscientific names formerly in use: those in italics occur in Celsus:—

<sup>\*</sup> Various opinions are held respecting the meaning of the word "Calomel." Some assert that Sir Theodore Turqued de Mayerne (who first employed the words Calomelas and Mercurius Calomelanius) applied this term to it in consequence of his having had a black servant who prepared it; others say, "quod nigro humori sit bonum." a good ( $\kappa a\lambda \delta s$ ) remedy for black ( $\mu \dot{\epsilon} \lambda a s$ ) bile.

- 1. Mineral Substances.—Ærugo, alumen, atramentum sutorium (sulphate of iron), auripigmentum (orpiment), borax, butyrum antimonii, calx, calomel or mercurius dulcis, causticum lunare, cerussa, cinnabaris, cremor tartari, kali, minium (red lead), natron, nitrum (carbonate of sodium), plumbum album (stannum), sal ammoniacum, sal commune, sal tartari, sandaracha (realgar, or red arsenic), spuma argenti (lithargyrus), squama ferri, spiritus nitri (nitric acid), sublimatus corrosivus, tartarum emeticum.
- 2. Vegetable Substances. Ammoniacum, amylum, anēthum, balsāmum (balm of Gilead), cassia, cicūta, galbanum, hyoscyamus, papaveris lachrymæ (opium), piper longum, ruta, veratrum album, thus, sinūpis, pyrethrum.
- 3. Animal Substances. Ichthyocolla, sanguisuga (hirudo), sepia.

For the nomenclature now used in Botany and Zoology we are indebted to Linnæus. Rivinus, indeed, "has the merit of originality, having been the first to contrive naming each plant in two words. But his names were meant for specific definitions, or which they are wholly inadequate.

Linnæus, in constructing his more accurate and full specific characters, intended the latter should serve as names, and therefore called them nomina specifica. When he, most fortunately for the science and for the popularity of his whole System of Nature, invented the present simple specific names, he called them nomina trivialia,—trivial, or for common use; but that term is now superfluous."\*

The nomenclature employed in Chemistry was introduced by the French chemists,† Morveau, Lavoisier, Berthollet, and Fourcroy; but modified so as to suit the present state of science. When the philosophical world had adopted the reformed chemical nomenclature, the medical colleges substituted, for the ancient names of medicines, scientific ones, expressive of the supposed nature or composition of these substances. From this proceeding both advantages and disadvantages have resulted to Pharmacy, though on the whole the former preponderate over the latter. Uniformity of nomenclature could

<sup>\*</sup> Sir James Edward Smith's Introduction to Physiological and Systematical Botany, 4th ed. p. 288. 1819.
† Methode de Nomenclature Chimique. Paris, 1787.

be obtained in no other way. For though, by the adoption of the arbitrary classical and barbarous names used by the ancient writers, convenient terms (having no reference to the nature or composition of the substances to which they are applied) might be obtained for all the older medicines, we should still be obliged to resort to a scientific nomenclature for newly discovered substances which have had no arbitrary or unscientific names given to them. The use of a philosophical language has another and obvious advantage. It renders intelligible in all countries, and at all times, the terms employed by the pharmacist. "Let the reader," says Dr. Paris,\* "wade through the prescriptions of the older writers, and he may well fancy himself in the land of Shinar; whereas, by adopting the recognised language of science, whatever may be its future revolutions, the articles of the Materia Medica will be readily identified in every age and country."

It must be admitted, however, that great inconvenience, not to say danger, attends the employment of a philosophical nomenclature in phar-

<sup>\*</sup> Pharmacologia, 9th ed. p. 102.

macy. Scientific names represent opinions rather than facts, and hence require to be altered according to the fashion of the day. The numerous changes in scientific nomenclature which have occurred during the last forty years have proved extremely embarrassing and vexatious both to the pharmacist and medical practitioner; \* and we have only to look at the writings of scientific chemists of the present day to see that a change is now taking place more extensive and important than any that has occurred for more than half a century.

In the British Pharmacopæia, several alterations have been made in the names by which chemical substances are proposed to be called hen used in medicine. The following table represents the principal alterations.

<sup>\*</sup> At the time when malignant cholera was raging in England, an old medical practitioner residing more than 100 miles from the metropolis thus accosted the traveller of a London druggist: "I hear that chloride of sodium is a good remedy for cholera, and as I should like to try it, I will thank you to send me four ounces of that substance, provided it be not very costly." The traveller, who knew as little of modern chemical nomenclature as his customer, sent the order to his employer in London, and, in due time, the disciple of Æsculapius received "per coach," much to his surprise, four ounces of table salt!

Former Names, 1867 or 1874.

Present Names, Brit. Pharm.

Latin Termination, ina. Alkaloids ending in ĭa. Aconitina.

Aconitia. Atropia. Beberia.

Conia.

Morphia. Quinia.

Strychnia. Veratria.

Atropina.

Beberina. Conina.

Morphina.

Quinina.

Strychnina. Veratrina.

Salts and Preparations of Alkaloids follow the same rule.

Ammonia salts as Ammoniæ carbonas.

Lime salts

as Calcis carbonas præcipitata. Calcis phosphas.

Calx chlorata.

Lithia salts

as Lithiæ citras.

Magnesia salts

as Magnesiæ carbonas levis.

Magnesiæ sulphas.

Ammonium salts Ammonii carbonas.

Calcium salts

Calcii carbonas præcipitata.

Calcii phosphas.

Calx chlorinata. Lithium salts

Lithii citras.

Magnesium salts

Magnesii carbonas

levis.

Magnesii sulphas.

Potash salts

as Potassæ acetas.

Potassæ

bicarbonas.

Soda salts

as Sodæ arsenias.

Sodæ sulphas.

Potassium salts
Potassii acetas.
Potassii bicarbonas.

Sodium salts

Sodii arsenias. Sodii sulphas.

The nomenclature of the Liquors of Ammonia, Potash, and Soda, remains unchanged; as, Liquor ammoniæ, Liquor potassæ, and Liquor sodæ.

Calx sulphurata.

Also Potassa caustica. Potassa sulphurata. Soda caustica. Soda tartarata.

Decoctum cinchonæ flavæ.

Emplastrum cerati saponis.

Decoctum cinchonæ [rubræ].

Emplastrum saponis fuscum.

#### CHAPTER VII.

## ABBREVIATIONS AND CONTRACTIONS USED IN PRESCRIPTIONS.

To save time and space, the words employed in prescriptions are frequently abbreviated or contracted; but the practice is objectionable, and in many cases dangerous.\*

<sup>\*</sup> The use of abbreviations is sanctioned by Cicero.

It not unfrequently happens that the abbreviations used to designate certain medicines are equally applicable to other articles contained in the Pharmacopæia; and therefore errors may be readily made in dispensing. The following are a few examples:—

Abbreviations. Medicines to which they may apply.

Acid. Hydroc.\* { Acidum Hydrochloricum, or Acidum Hydrocyanicum.

Aconit. { Aconitum (the plant), or Aconitina (the alkaloid).

Ammonia (the alkali), or Ammoniacum (the gum resin).

"When Pompey was about to consecrate the temple of Victory, a difficulty arose as to the manner in which he should express his third consulship; whether it should be Consul *Tertio* or Consul *Tertium*. The learned men of Rome were divided in opinion, and Cicero left this question undecided; for, in order to satisfy all parties, he directed it should be abbreviated as Consul *Tert*."—Paris.

\* This abbreviation is frequently used to designate hydrocyanic or prussic acid (see a case mentioned in the Pharmaceutical Journal, vol. ii. p. 539). It is also sometimes employed to indicate Hydrochloric acid. Mr. Richard Phillips (Pharm. Journ. vol. ii. p. 320) applied to a chemist to have a prescription prepared, in which twenty drops of hydrochloric acid were directed to be taken twice a day. The dispenser gave him hydrocyanic for hydrochloric acid, and omitted to put the number of "drops" to be taken.

Aq. Fontis.\* { May be misread for Aq. Fortis (nitric acid). (Calcii Chloridum (chloride of calciu

Calc. Chlor. Calcii Chloridnm (chloride of calcium), or Calcis Chloridnm (chloride of lime, or bleaching powder).

Emp. Lyth.† { Emplastrum Lithargyri. May be misread for Emp. Lytt. (Emplastrum Lyttæ).

Ext. Col. Extractum Colchici, or Extractum Colocynthidis.

† "One of our eminent surgeons having occasion to direct the application of a lead plaster (*Emplast. Litharg. P. L.* 1787), he abbreviated the term as follows, substituting at the same time y for i,—Emp. Lyth., when the compounder, reading the h for the t, sent the Emplast. Lytte ! As it was applied to the groin, it is scarcely necessary to state the distress of the patient and the dismissal of the

practitioner."—Paris.

<sup>\*</sup> The following alarming mistake occurred within the knowledge of Dr. Paris, who relates the anecdote :- "I had been sent for to see a child with hooping-cough; on entering the apartment I found its mother in considerable pain in her hand and arm. A medical man had just prescribed for the child, and his prescription was sent to a neighbouring chemist; the bottle arrived, when the mother, on taking it in her hand, in order to administer it according to the directions given, was surprised by the expulsion of the cork, and the contents of the phial flying over her hand and arm. On seeing the prescription, and the effect it had produced, I at once perceived the nature of the mistake. The prescription is now before mc, and I will copy it literatim:-R. Syr. Papav. alb. 5ij.; Aquæ fontis 3vi. ft. mistura ut dict, sumend. The down stroke of the n might certainly have been mistaken for r, but this was no excuse for the chemist, who onght to have known that the prescriber never could have meant to give the child Aqua fortis." (This prescription is in the Museum of the Pharmaccutical Society.)

Hydr.♥

(Hydrargyrum (quicksilver), or Hydras (hydrate), or Hydriodas (hydriodate), or Hydrochloricum (hydrochloric), or Hydrocyanicum (hydrocyanic).

 $\begin{tabular}{ll} Hydras Potasse (\it potassa fusa), or \\ Hydriodas Potasse (\it iodide of potassium). \\ \end{tabular}$ 

\* The abbreviation *Hyosc.* (Hyoscyamus) may be written so illegibly as to be confounded with *Hydrar*. (Hydrar-

gyrum).

† Mr. Richard Phillips states (*Pharm. Journ.* vol. iii. p. 244) that he presented to a chemist and druggist a paper on which was clearly written "*Potassæ Hydratis* 5ij.," and he was supplied with iodide of potassium, labelled "*Hydr. Pot.* 5ij." The following is an instance in which the converse error was made, and *hydras potassæ* substituted for *iodide of potassium*:—An apprentice, who had been seventeen months at the business of a chemist and druggist, was left in care of the shop while his master attended church. A prescription, of which the following is a copy, was left to be dispensed:—

P. Hydr. Potassæ 5iss. Syr. Croci 5j. Aquæ 5vij. M. capiat cochl. amp. ter in dic.

The youth had received strict orders never to prepare any medicine that he had the least doubt of: the medicine was wanted immediately, and on referring to the Pharmacopeia he found that the only preparation of potash with the above commencement was "Potassæ Hydras:" this he used, and, fortunately, the error being discovered after one dose only had been taken, and the proper antidotes being administered early, the patient is not likely to feel any ill effects from it.

—Pharmaceutical Journal, vol. ii. p. 539.

Hydr. Bic.	(Hydrargyri bichloridum (corrosive sub- limate), or Hydrargyri bicyanidum (bicyanide of mer- cury).
Hydr. Bin.	Hydrargyri biniodidum (red iodide of mercury), or Hydrargyri binoxidum (red oxide of mercury).
Hydr. Oxid. N.	Hydrargyri oxidum nigrum (black oxide of mercury), or Hydrargyri oxidum nitricum (red precipitate).
Menth. P.	{ Mentha piperita (peppermint), or Mentha pulegium (pennyroyal).
Potas.	{ Potassium (the metal), or Potassa (potash).
Potas. Hydr.	(See Hydr. Pot.)
Potas. Sulph.	{ Potassii sulphuretum (liver of sulphur), or Potassii sulphas (sulphate of potassium).
Sod.	Sodium (the metal), or   Soda (soda).
Sod. Chlor.	Sodii chloridum (common salt), or Soda chlorinata (chlorinated soda or bleaching liquid)

"In writing directions for taking any sort of medicine, avoid abbreviations as much as possible. Let numbers be expressed in words, not in figures; and let every word, throughout, be perfectly legible.

{Sulphur (brimstone), or Sulphas (sulphate).

Sulph.

"Do not write a label in this manner:- 'Dislve these ingredients in  $\frac{1}{2}$  a pint of gruel or oth; take 4 tablespfls. at 1st, and 2 tablespfls. very } hour until it operates; adding wn you ke each dose, 2 teaspfls. of the Tinct. sent erewith.

"But write it in this manner:- 'Dissolve these gredients in half a pint of gruel or broth, and ke four tablespoonfuls at first, and two tablepoonfuls every half-hour until it operates; Ilding, when you take each dose, two teaspoon-

als of the Tincture sent herewith.'

"I have known, even in cases where a man rites a very good hand, mistakes made by figures sembling others, or being mistaken for others, y readers whose sight was not good. I have mown a 3 resembling an 8, and being mistaken or it; a 4 resembling a 7, and often a 7 for a 4. n writing, for the word half, the abbreviation 1/2, ne 1 is often expressed by a dot so small as to e scarcely visible, while the 2 is much larger nan it ought to be [thus \frac{1}{2}]. The consequence as been that a medicine ordered to be adinistered every half-hour, in a case of extreme anger, has been given only every two hours, and the patient died."—Chamberlain's Tironium Medicum.

The following is a List of Abbreviations and iontractions more or less frequently met with in

rescriptions :-

A. aa. ana (àvà), of each ingredient. It signifies equally of weight or measure, and in this sense it is used by Hippocrates and Dioscorides. A. or aa is used for brevity.

Abdom. Abdomen, the belly; abdominis, of

the belly; abdomini, to the belly.

Abs. febr. Absente febre, in absence of the fever.

Ad 2 vic. Ad duas vices, at twice taking.

Ad 3tiam vicem. Ad tertiam vicem, for three times.

Ad gr. acid. Ad gratam aciditatem, to an agreeable sourness.

Ad dcf. animi. Ad defectionem animi, to

fainting.

Ad libit. Ad libitum, at pleasure.

Ad sat. Ad saturandum, to neutralization.

Add. Addc, or addantur, add, or let be added; addendus, to be added; addendo, by adding.

Adjac. Adjacens, adjacent.

Admov. Admove, or admoveatur, or admoveantur, apply, or let be applied.

Adst. fcbre. Adstante fcbre, when the fever

is on.

Adv. Adversum, against.

Æg. Ægcr, ægra, the patient.

Aggred. febrc. Aggrediente febre, while the fever is coming on.

Altern. horis. Alternis horis, every other hour.

Alvo adst. Alvo adstrictâ, when the belly is bound [the bowels being confined].

Aq. astr. Aqua astricta, frozen water. Aq. bull. Aqua bulliens, boiling water.

Aq. com. Aqua communis, common water.

Aq. fluv. Aqua fluviatilis, river water.

Aq. mar. Aqua marina, sea water. Aq. niv. Aqua nivalis, snow water.

Aq. pluv. Aqua pluviatilis, or Aqua pluvialis,

Aq. ferv. Aqua fervens, hot water.

Aqua fontalis, spring water.

Bis ind. Bis indies, twice a day.

Bib. Bibe (drink thou).

BB. Bbds. Barbadensis, Barbadoes;

as Aloë \* Barbadensis.

B. M. Balneum Mariæ, or Balneum Maris, a warm water bath.

Bull. Bulliat, or Bulliant, let boil.

But. Butyrum, butter.

B. V. Balneum vaporosum, or Balneum vaporis, a vapour bath.

C. Cum, with (governing ablative).

Cærul. Cæruleus, blue.

Cap. Capiat, let the patient take.

Aloë is a feminine noun of the first declension, but having a Greek termination ('Aλόη), is thus declined: N. aloë, G. aloës, D. aloë, A. aloën, V. aloë, Ab. aloë.

Calom. Calomelas (from καλός, good, and μέλας, black), calomel, or the subchloride of mercury.

C. C. Cornu cervi, hartshorn. Cucurbitula cruenta, a cupping-glass with the scarificator. It means, literally, "the bloody cupping-glass."

C. C. U. Cornu\* cervi ustum, burnt hartshorn.

Coch. a teaspoonful; a table-spoonful.† Cochleat. Cochleatim, by spoonfuls.

Coch. ampl. Cochleare amplum, a large (or table) spoonful. About half an ounce of watery fluids and two or three drachms of alcoholic.

Coch. infant. Cochleare infantis, a child's

spoonful.

Coch. magn. Cochleare magnum, a large or

table spoonful.

† See page 67,

Coch. med. Cochleare medium, \(\) a middling Coch. mod. Cochleare modicum, \(\) or moderate spoonful; that is, a child's or dessert spoonful. About two fluidrachms of distilled water.

Coch. parv. Cochleare parvum, a small (or tea) spoonful. It contains about one fluidrachm of distilled water. I find that a tea-spoon of this size will hold from half a drachm to two scruples of the common carbonate of magnesia,

<sup>\*</sup> Cornu, a neuter noun, belongs to the fourth declension, and is indeclinable in the singular, though regular in the plural: as plural N. cornua, G. cornum, D. cornibus, A. cornua, V. cornua, Ab. cornibus.

when heaped up; or about two drachms of sublimed sulphur.

Col. Cola, strain.

Col. Colatus, strained.

Colet. Colat. Coletur, let it be strained; colaturæ, to the strained liquor.

Colent. Colentur, let them be strained. Color. Coloretur, let it be coloured.

Comp. Compositus, a, um, compounded.

Con. Concisus, cut.

Cong. Congius, a gallon. Cons. Conserva, a conserve; conservā, keep thou.

Cont. rem. Continuentur remedia. let the medicines be continued.

Coq. Coque, boil; coquantur, let them be

hoiled.

Cog. ad med. consumpt. Coque ad medictatis consumptionem, boil to the consumption of half.

Coq. in S. A. Coque in sufficiente quantitate aguæ, boil in a sufficient quantity of water.

Cort. Cortex, bark.

C. v. Cras vespere, to-morrow evening.

C. m. s. Cras mane sumendus, to be taken to-morrow morning.

C. n. Cras nocte, to-morrow night. Crast. Crastinus, for to-morrow.

Cuj. Cujus, of which.

Cujusl. Cujuslibet, of any.

Cyath. theæ. Cyatho theæ, in a cup of tea

Cyath. Cyathus, vel a wine glass. C. vinar. Cyathus vinarius, About two ounces of watery liquids (see page 68). In the Paris Pharmacopæia estimated at five ounces.

Deaur. pil. Deaurentur pilulæ, let the pills be gilt.\*

Deb. spiss. Debita spissitudo, a proper consistence.

Dec. Decantā, pour off.

Decub. Decubitûs, of lying down.

<sup>\* &</sup>quot;The practice of gilding pills was formerly very much in request; but for the last fifty years it has grown into disusc. Nevertheless, as unlikely things do sometimes occur. it might so happen that some very particular old lady or gentleman, placing peculiar confidence in some prescription of a hundred years old at the foot of which the words 'Deaurentur pilulæ' are written, might not be satisfied without having the same medicine in its usual splendour: therefore it is well that we should know how to do this. especially as it is the easiest and simplest thing in the world. Open a book of leaf gold, or leaf silver, and having formed your pills perfectly round, lay them, without rolling them in any sort of powder, on the leaf of gold, or silver, at equal distances. For boluses, four are enough for one leaf; for large pills, eight or twelve; and for very small ones, sixteen or twenty upon one leaf: then pour off the pills, gold and all, from off the book, into a clean and perfectly dry gallipot, cover the gallipot with the palm of your hand, and shake it round and round, in the same manner as on ordinary occasions you would do if you were going to roll them in any sort of powder; and, on taking them out, you will find the pills perfectly covered with the leaf gold, or leaf silver."-Chamberlain's Tirocinium Medicum.

De. d. in d. De die in diem, from day to day. Deglut. Deglutiatur,

may be (or let be) swallowed.

Dej. alvi. Dejectiones alvi, stools.

Det. Detur, let it be given.

Dieb. alt. Diebus alternis, every other day. Dieb. tert. Diebus tertiis, every third day.

Dil. Dilue, dilutus; dilute (thou), diluted.

Diluc. Diluculo, at break of day.

Dim. Dimidius, one-half.

D. in 2plo. Detur in duplo, let twice as much be given.

D. in p. æq. Dividatur in partes æquales, let it

be divided into equal parts.

D. P. Dir. prop. Directione propria, with a proper direction.

Donce alv. bis dej. Donec alvus bis dejiciatur,

until the bowels have been twice evacuated.

Donec alv. sol. fuer. Donec alvus soluta fuerit,

until the bowels be opened.

Donec dol.neph.cxulav. Donec dolornephriticus cxulaverit, until the nephritic pain is removed.

D. Dosis, a dose.

Eburn. Eburneus, made of ivory.

Ed. Edulcorata, edulcorated.

Ejusd. Ejusdem, of the same.\*

<sup>\*</sup> Dr. Mason Good relates the following anecdote:—"A gentleman of Worcester, who does not practise pharmacy, prescribed for his patient as follows:—

Elect. Electuarium, an electuary.

Enem. Eněma,\* a clyster; enemăta, clysters.

Exhib. Exhibeatur, let it be exhibited.

Ext. sup. alut. moll. Extende super alūtam mollem, spread (thou) upon soft leather.

F. Fac, + make; flat, flant, let be made.

F. pil. xij. Fac pilulas duodecim,

make twelve pills.

Fasc. Fasciculus, a bundle which can be carried under the arm.

Feb. dur. Febre durante, during the fever.

#### 1. Decoct. Cascarillæ, 3vj. Tincturæ Ejusdem, 3j. Misc.

The shopman of a neighbouring apothecary, to whom the prescription was sent, took it to the gentleman who had written it, to know what he should substitute for the *Tinctura Ejusdem*, which he could not procure in any of the shops in the whole city."

\* This word is commonly, though erroneously, pro-

nouneed Enēma.

† Fac is used as the imperative, instead of Face (from

Facio), which is but seldom found.

† The terms Fasciculus, Manipulus, and Pugillus, are applied principally to the measure of herbs and flowers (see pp. 71, 138, and 141). There is a considerable discrepancy among authors as to the quantities implied by these terms, as the following table will show:—

Linnœus.	Geiger.	Paris Pharmacop.
Pugillus 5j. Manipulus 5iv. Fasciculus 3vj.	5ss. to 5j. 5iv.	5i. to 5ij. žj. to žiiss.

Fem. intern. Femoribus internis, to the inner part of the thighs.

F. venæs. Fiat venæsectio, bleed.

F. H. Fiat haustus, let a draught be made. Fict. Fictilis, earthen.

Fil. Filtrum, a filter. Filtrā, filter (thou). Fist. arm. Fistula armata, a clyster-pipe and bladder fitted for use.

Fl. Fluidus, liquid; also, by measure.

F. L. A. Fiat lege artis, let it be made by the rules of art.

F. M. Fiat mistura, let a mixture be made.

Frust. Frustillātim, in little pieces.

F. S. A. Fiat secundum artem, let it be made according to art.

F. S. A. R. Fiat secundum artis regulas, let it be made according to the rules of art.

Gel. quav. Gelatina quavis, in any kind of jelly. G. G. G. Gummi \* guttæ gambæ, gamboge.

Gr. Granum, grain; grana, grains.

Gr. vj. pond. Grana sex pondere, six grains by weight.

Gtt. Gutta, a drop; guttæ, drops.†

Nouns in i, as gummi, are for the most part indeclinable in both numbers.

<sup>†</sup> The sp. gr. and cohesive power of liquids are various; hence the weight and the size of drops of different liquids are liable to considerable variation. The following table, deduced from Mr. Shuttleworth's experiments, proves these statements:-

Gutt. quibusd. Guttis quibusdam, with a few drops.

Guttat. Guttātim, by drops.

Har. pil. sum. iij. Harum pilularum sumantur tres, let three of these pills be taken.

Hb. Herba, a herb.

H. D. or Hor. decub. Horâ decubitûs, at the

hour of going to bed.

H. p. n. Haustus purgans noster, a formula of purging draught, made according to a practitioner's own private pharmacopæia.

H. S. or Hor. som. Horâ somni, just before

going to sleep; or, on retiring to rest.

Hor. un. spatio. Horæ unius spatio, at the

expiration of an hour.

Hor. interm. Horis intermediis, at the intermediate hours between the times specified for what has been ordered.

1 Fluidrachm of	Grains.		Drops.	
Distilled water consists of	60	or	60 .	
Solution of Arsenic	60 <del>3</del>	33	60	
White Wine	583	22	94	
Ipecacuanha Wine	$59\frac{3}{4}$	32	84	
Antimonial Wine	$59\frac{3}{4}$	"	84	
Rectified Spirit of Wine	51 <del>3</del>	22	1511	
Proof Spirit	$55\frac{1}{4}$	11	140	
Laudanum	$59\frac{1}{2}$	33	134	
Tincture of Foxglove	58	22	144	

The sizes of the drops of liquid also vary according to the shape of the vessel, as well as according to the part of the lip of the same vessel. Hence measuring by drops ought to be entirely abolished.

Hor. 11må mat. Horâ undecimå matutinâ, it the eleventh hour in the morning.

Ind. Indies, from day to day, or daily.

In pulm. In pulmento, in gruel.

Inc. Incide, incisus; cut (thou), being cut.

Inf. Infunde, pour in.

Jul. Julepus, Julepum, Julapium, a julep.\*
Jusc. Jusculum, broth.

Jusc. aven. Jusculum avenaceum, gruel.

Inj. enem. Injiciatur enëma,

let a clyster be given.

Kal. ppt. Kali† præparatum.

(Potassii Carbonas, B. P.), prepared kali, or carbonate or subcarbonate of potash.

Lat. dol. Lateri dolenti, on the side that is

painful.

M. Misce, mix; mensurá, by measure; manipulus, a handful; minimum, a minim.

Mane pr. Mane primo, very early in the morning.

\* Julep or Julapium is derived from the Arabic (juleb or julleb). The Persians have admitted the word into their language, and write it julab. It imports literally a sweet medicated drink.—Good's Nosology.

† Kali and Alkali, commonly supposed to be Arabic, are Persian terms, Kalia and Alkalia—far more euphonious names than the indeclinable nouns in general usc—and signify the ashes of marine plants; whence the Turks employ Kal for ashes in general, as well as their lixivium.—Good's Nosology

Man. Manipulus, a handful.\*

Min. Minimum, the sixtieth part of a drachm measure. Minutum, † a minute.

M. P. Massa pilularum, a pill mass.

MR. Mistura, a mixture.

Mic. pan. Mica panis, crumb of bread.
Mitt. Mitte, send; mittatur, or mittantur,

let be sent.

Mitt. sang. ad zxij. saltem. Mitte sanguinem ad uncias duodecim saltem, take away blood to 12 ounces at least.

Mod. præsc. Modo præscripto, in the manner prescribed.

More dict. More dicto, in the manner directed.

\* The following table shows the value of a Manipulus:-

cichorii siccorum . . 32,00 , 0 8 14 florum tiliæ...... 40,01 , 1 2 18

† Minutum is occasionally found in prescriptions, but is very barbarous Latin. The proper Latin for a minute is

sexagesima pars horæ.

<sup>&</sup>lt;sup>‡</sup> A physician who is in the habit of leaving *verbal* directions with the patient how his medicines are to be taken, and very frequently writes the prescription in *Latin*, but *very short* directions in *English*, wrote, at the foot of his prescription, *sum. more dict.*, "to be taken in the manner directed." The c in *dicto* being either carelessly written, as an e, or mistaken as such, the apprentice read it *diet*, and,

More sol. More solito, in the usual manner. Ne tr. s. num. Ne tradas sine nummo, do not eliver it unless paid. (Used by apothecaries as caution to the assistant, when the presence of he patient prevents the master giving a verbal lirection.)

N. M. Nux moschata, a nutmeg.

No. Numero, in number.

O. Octarius, a pint.

Ol. lini s. i. Oleum lini sine igne,

cold-drawn linseed oil.

Omn. hor. Omni horâ, every hour. Omn. bid. Omni biduo, every two days. Omn. bih. Omni bihorio, every two hours.

O. M., or Omn. man. Omni mane,

every morning.

O. N., or Omn. noct. Omni nocte, every night. Omn. quadr. hor. Omni quadrante hora, every quarter of an hour.

O. O. O. Oleum olivæ optimum, best olive oil.

Ov. Ovum, an egg.\*

as he did not understand Latin, and the doctor often wrote directions in English, he took it to be "some more diet," and therefore was quite proud of the elegance of his translation, in writing "to be taken with a more liberal allowance of food."

A fresh egg, of large size, weighs	2	5 2 0	Gr. 0 0 57	
The white weighs	0	ند	15	

Oz. The ounce Avoirdupois, as distinguished from the Troy ounce.

P. a., Part. agual. Partes aguales, equal

parts.

P. d. Per deliquium, by deliquescence.

Past. Pastillus, Pastillum (dim. of pasta, a lozenge), a little lump or ball of paste, to take like a lozenge, a troch, or pastil.

P. Pondcre, by weight.

P. C. Pondus civile, civil weight (Avoirdupois weight).

P. M. Pondus medicinale, medicinal weight

(Apothecaries' weight).

Ph. B., or B. P. Pharmacopæia Britannica, British Pharmacopæia.

Ph. D. Pharmacopæia Dublinensis. Ph. E. Pharmacopæia Edinensis. Ph. L. Pharmacopæia Londinensis.

Ph. U.S. Pharmacopæia of the United States. Part. vic. Partitis vicibus, in divided doses.

Per. op. cmct. Pcractá operatione emetici, when the operation of the emetic is finished.

Pocul. Poculum, a cup. A tea-cup holds from four to six ounces of distilled water.

Pocil. Pocillum, a little cup.

Post sing. sed. liq. Post singulas sedes liquidas, after every loose stool.

Ppt. Praparata, prepared.

P. r. n. Pro re nata, according as circumstances arise (that is, occasionally).

P. rat. at. Pro ratione atatis, according to ne age of the patient.

Pug. Pugillus, a pinch; a gripe between the

numb and the first two fingers.\*

Pulv. Pulvis, pulverizatus, a powder, owdered.

Q. l. Quantum lubet, as much as you please.
Q. p. Quantum placet, as much as you please.
Q. S. Quantum sufficiat, or quantum satis, smuch as is sufficient. Quor. Quorum, of which.

Q. V. Quantum vis, quantum volueris,

s much as you will.

Red. in pulv. Redactus in pulverem, owdered.

Redig. in pulv. Redigatur in pulverem,

et it be reduced to powder.

Reg. umbil. Regio umbilici, the umbilical egion.

Repet. Repetatur, repetantur, let be continued. S. A. Secundum artem, according to art.

(See p. 71.)

<sup>\*</sup> The following table shows the value of the Pugillus:-Grammes. 3 9 Gr. 7,80 or 2 0 0 Pugillus florum anthemidis nobilis 6,20 ,, 1 1 15½ 6,20 ,, 1 1 15½ 5,00 ,, 1 0 17 3,20 ,, 0 2 9 7,00 ,, 1 2 8 4,40 ,, 1 0 8 arnicæ montanæ ..... tussilaginis farfaræ .... althææ officinalis ..... seminum fæniculi ..... anisi.....

Scat. Scatula, a box.

S.N. Secundum naturam, according to nature.

Semidr. Semidrachma, half a drachm.

Semih. Semihora, half an hour.

Sesunc. Sesuncia, an ounce and a half. Sesquih. Sesquihora, an hour and a half.

Si n. val. Si non valeat, if it does not answer. Si op. sit. Si opus sit, if there be occasion.

Si vir. perm. Si vires permittant,

if the strength will bear it.

Signatura, a label (see p. 8).

Sign. n. pr. Signetur nomine proprio, let it be written upon with the proper name (not the trade name).

Sing. Singulorum, of each.

S. S. S. Stratum super stratum, layer upon layer.

Ss. Semis, a half. Cum semisse (with, i.e.

"and" a half).

St. Stet, let it stand; stent, let them stand.

Sub fin. coct. Sub finem coctionis, when the boiling is nearly finished.

Sum. tal. Sumat talem, let the patient take one like this.

Sum. Summitates, the summits or tops.

Sum. Sume, sumat, sumatur, sumantur, sumendus; take thou, let him take, let be taken, to be taken.

S. V. Spiritus vinosus, ardent spirit of any strength.

S. V. R. Spiritus vini rectificatus,

ctified spirit of wine.

S. V. T. Spiritus vini tenuior, proof spirit. Tabel, Tabella. B. P. Tablets. Tabella (dim.

tabula, a table), a lozenge. Temp. dext. Tempori dextro,

the right temple.\*

T. O. Tinctura opii, tincture of opium;

enerally confounded with laudanum, which is operly the wine of opium.

T. O. C. Tinctura opii camphorata, paregoric ixir. + Now called Tinct. camphoræ composita.

Trit. Triturā, triturate. Tra. Tinctura, tincture.

Troc. Trochisci, troches or lozenges.

Ult. præser. Ultimo præscriptus, ne last ordered.

\* Tempora, the temples, although generally used in the ural, yet is sometimes found in the singular.

† Dr. M. Good, in his History of Medicine, published the year 1795, relates the following story:—A physician escribed for the son of a poor woman, labouring under spucea, the following draught to be given at bedtime:-

> Syr. papav. alb. 3j. Tinc. opii C. 3ij. Aq. destill. q. v. M.

nfortunately, the person to whom this prescription was ought, not being acquainted with the new name for regorie elixir, and not attending to the C. (camphorate), ade it with Sij. Tincture Opii; and, though he advised ne woman to give the child only half the draught, it proved affleiently strong to destroy life before the evening of the bllowing day.

V. O. S. Vitello ovi solutus, dissolved in the yolk of an egg.

Vom. urg. Vomitione urgente, the vomiting

being troublesome.

V. S. B. Venæsectio brachii, bleeding in the arm.

Zz. Zinziber, ginger.

# CHAPTER VIII.—SYMBOLS or SIGNS USED IN PRESCRIPTIONS.

Formerly the signs or symbols employed in chemistry and pharmacy as substitutes for words were numerous. At the present time they are very few. The following alone deserve notice:—

Recipe, take. Ancient authors use this sign 2, being the old heathen invocation to Jupiter, seeking his blessing upon the formula, equivalent to the usual invocation of the poets and of Mahomedan authors, or the Laus Deo, with which bookkeepers and merchants' clerks formerly began their books of accounts and invoices—a practice now almost extinct. "It is at present so disguised by the addition of the downstroke, which converts it into the letter Re, that, were it not for its cloven foot, we might be led to question the fact of its superstitious origin."—Paris's Pharmacologia.

m. Minimum, the 60th part of a fluidrachm.

Gtt. Guttæ, drops.

Gr. Granum or Grana (plural). A grain, or rains. The  $\frac{1}{480}$  part of the Troy ounce, the  $\frac{7}{5760}$  art of the Troy pound, or the  $\frac{1}{7000}$  part of the voirdupois pound.\*

9. Scrupulus. A scruple, equal to 20 grains.

3. Drachma, a drachm, equal to three scruples, r 60 grains.

3. Uncia, an ounce Troy; or, in liquids, he 20th part of the imperial pint.

tb. Libra, a pound Troy weight.

O. Octarius, a pint.
Fl. Fluid. Used as a prefix to certain neasures to distinguish them from weights; nus flz, fluiduncia; and flz, fluidrachma.

an alteration was made in the weights used medicine by the Dublin Pharmacopæia of 1850, the avoirupois pound and ounce being substituted for the Troy eights of those denominations, and the ounce being divided to 8 drachms, the drachm into 3 scruples, and the scruple to 18.22 grains, so that the Irish medical weights from at time until the introduction of the British Pharmacoreia were as follows :--

<sup>1</sup> pound lb.=16 ounces=7000 grains. 1 ounce  $\bar{3}=8$  drachms=437.5 grains. 1 drachm 3=3 scruples=54.68 grains. 1 scruple =18.22 grains.

<sup>+</sup> The symbol for the Troy pound (1b) differs from that w used in pharmacy to represent the avoirdupois pound ).), as the latter has no bar across the letters.

#### 146 SYMBOLS OR SIGNS USED IN PRESCRIPTIONS.

Ss. Semis, half. Used as an affix to weights and measures; as zss., semiuncia; zss., semidrachma; Jss., semiscrupulus.

The following are the weights and measures, with their symbols, as now used in the British

Pharmacopæia.

#### WEIGHTS.

1 pound.....lb. = 16 ounces = 7000 grains. 1 ounce.....oz. = 437.5 grains. 1 grain .....gr. = 1 grain.

#### MEASURES.

1 gallon ...... C ..... = 8 pints ..... O viij.
1 pint ...... O ..... = 20 fluid ounces fl. oz. xx.
1 fluid ounce..fl.oz ... = 8 fluid drachms fl.drs.viij.
1 fluid drachm fl.drm = 60 minims ..... min. lx.
1 minim ..... min. ... = 1 minim ......min. j.

It will be observed that with the exception of the symbols for the grain weight, and the gallon and pint measures, all the other symbols are altered. The avoirdupois pound is represented by the symbol lb., which is distinguished from that representing the Troy pound (lb) by the absence of the bar passing across the letters. The difference in this case is but slight, and in some instances in written prescriptions it may be scarcely perceptible, but in the other cases it would be obvious.

As the old symbols have been used in all pre-

British Pharmacopæia, and as many medical men will probably continue to use them, it has not been thought necessary to make any extensive change in the symbols used in previous editions of this work. Where the symbols 1b, 3, 5, and 9, are used, it will be understood that they refer to the Apothecaries' weight founded upon the Troy pound and ounce, the weights of the British Pharmacopæia being indicated by the symbols used in that work.

In the second and third parts of this work, containing abbreviated and unabbreviated precriptions, the terms used for representing the nedicines ordered in such prescriptions, as well as the symbols representing the quantities, in secretain instances are not those of the British harmacopæia, the object originally contemplated having been to introduce the various terms and symbols which at different times have been employed in extemporaneous prescriptions.

## Ancient Chemical Symbols.

Many of the hieroglyphics painted on the showottles in the druggists' windows are without leaning, being the invention of the painter. Those which are intelligible are, for the most part, he characters formerly used to designate the even anciently known metals, and which are the same as those employed by the astrologers to represent the planets.

To these must be added the sign # (a Maltese cross), indicative of acrimony, indicated by the

sharp points surrounding it.

The astrological symbols employed by chemists to represent the ancient metals aptly express the properties, real or fancied, of the substances they

were intended to designate.

Gold, formerly called Sol, was represented by a circle  $\odot$ , which represented its perfection, its immutability, its density (for a sphere contains the greatest amount of matter under the smallest surface), and its simplicity; for the equality of the radii of a circle represents the equality of the parts and homogeneous nature of gold.

Silver, termed Diana or Luna, was characterised by D, because it was thought to be half gold, whose inward part turned outwards makes pure gold. Neither gold nor silver was supposed

to contain anything acrid or corrosive.

Quicksilver, called Mercury, was represented by \( \) (a symbol compounded of the hicroglyphic for gold, silver, and acrimony), indicating that its real nature or inmost part was pure gold, but that its top, face, or superficies, appeared like silver, whilst there lurked beneath something acrid and corrosive. Remove from it the appearance of silver, and its sharp corrosive quality, and you have pure gold (aurum vivum).

Copper, termed Venus, was indicated by  $\mathfrak{P}$ , showing that this metal was, for the most part, gold combined with acridity. Remove the latter, and you have real gold. Copper wants the silver

face of mercury.

Iron, called Mars, was represented by J,—that is, gold with acridity; for iron was thought to consist principally of gold profoundly concealed in it by a very evident acrimony, which, however, is only half that contained in mercury and copper, and therefore is represented by a kind of parbed point inclined to the right, a portion only of the sign expressive of acridity, and further significative of the use of this metal in the service of the God of War.

Tin, termed Jupiter, was represented by 4, ndicating that it was one half silver, the other

ralf acridity.

Lead was called Saturn, "not only," says Fourerroy, "because they suppose this metal to be oldest, and, as it were, the father of all the others, out also because it was considered as very cold; because the property of absorbing, and apparently destroying, almost all the metals was attributed to lead in the same manner as fabulous history defirms that Saturn, the father of the gods, decoured his children." Its symbol was h, indicating that it was nearly all corrosive, but with some resemblance of silver,

# CHAPTER IX.—THE GRAMMATICAL CONSTRUCTION OF PRESCRIPTIONS.

It has been thought advisable to devote one chapter to a few remarks on the grammatical construction of prescriptions. The Rules of Syntax, with illustrations drawn from prescriptions, will be first given, and to these will be appended a grammatical explanation of a few prescriptions.

#### I. THE RULES OF SYNTAX.

Those rules of syntax which require to be noticed here are thirty-two in number. They may be conveniently arranged under the two heads of

#### Concords and Government.

- a. Concords.—The Concords are four.\*
  - 1. Of an Adjective, &c., with a Substantive.
  - 2. Of a Verb with a Nominative.
  - 3. Of a Relative with an Antecedent.
  - 4. Of a Substantive with a Substantive.

<sup>\*</sup> Some grammarians make only three concords; the agreement of one substantive with another signifying the same thing (Rule 8) not being considered by them a concord. but being called apposition. However, for the reason assigned by Mr. Grant (Institutes of Latin Grummar, p. 172), I have adopted it as a primary concord.

Rule 1. Adjectives, participles, and pronouns agree with the substantive in gender, number, and case; as—

Grana duo. Cochleare amplum. Haustus sumendus. Quâque nocte. Pannus

laneus. Cataplasma calidum.

Rule 2. A personal verb agrees with its nomina-

tive in number and person; as-

Tu recipe. Mittatur sanguis. Admoveatur emplastrum. Capiat æger. Fricetur corpus. Foveantur gingivæ. Colluantur fauces.

Rule 3. The infinitive mood has an accusative

before it; as-

Repetatur venæsectio quotidie ad tertiam vel quartam vicem, nisi constet vires prius deficere.

[Note. The noun vires (of the accusative case plural) follows constet, but precedes the infini-

tive deficere.]

Rule 4. The relative qui, quæ, quod, agrees with the antecedent in gender, number, and person; as—

Divide in pilulas sex, quarum sumat unam

pro re natâ.

[Note. Here quarum is the relative, and agrees with the antecedent pilulas in gender, number, and person.]

Rule 5. If no nominative come between the rela-

tive and the verb, the relative shall be the nominative to the verb; as—

Fiant pilulæ duodecim, quæ sumendæ sunt

ut antea.

Rule 6. But if a nominative come between the relative and the verb, the relative shall be of that case which the verb or noun following, or the preposition going before, uses to govern; as—

Fiat haustus, cui tempore capiendi adde, &c. [Note. Here the nominative (tu, understood) comes between the relative (cui) and the verb (adde): hence the relative is put in the dative case, being governed by the verb adde.]

Rule 7. Two or more substantives singular, coupled together by a conjunction, generally have a verb, adjective, or relative plural; as—

Haustus et pilula sumantur tribus horis.

Rule 8. One substantive agrees with another, signifying the same thing, in case; as—

Recipe Potassii tartratis (vulgò Tartari

solubilis) unciam.

[Note. Potassii tartras and Tartarum solubile being terms signifying the same thing, are put in the same case.]

- B. GOVERNMENT.
  - 1. Of Nouns.
  - 2. Of Verbs.
  - 3. Of Words Indeclinable.

#### Nouns.

Rule 9. One substantive governs another, signifying a different thing, in the genitive; as—
Uncia magnesiæ. Magnitudo nucis
moschatæ. Horâ somni. Unciæ quinque

sanquinis.

[Note. The substance governed may govern another, signifying a different thing; as, Drachma sodæ\* carbonatis.]

Rule 10. An adjective, in the neuter gender, without a substantive expressed, is followed by a genitive: the adjectives thus used are generally such as signify quantity; as—

Plus calcis. E pauxillo alicujus liquoris. Paullulum spiritūs. E tantillo hujus

liquoris.

Rule 11. Opus and usus, denoting necessity, convenience, or expediency, are followed by the ablative of the thing wanted; as—

Quando alvi ductione opus sit.

Rule 12. Adjectives signifying desire, knowledge, memory, fear, and the contraries to these, require a genitive case; as—

Ad alvum officii immemorem excitandam.

<sup>\*</sup> Soda. Etymologists are agreed on its derivation from plida (fem. of solidus). The old French is soulde. (See keat, Littré, Scheler, Braehet, &c.)

Rule 13. Partitives and words placed partitively, comparatives, superlatives, interrogatives, and some numerals, govern the genitive plural; as-

Una pilularum.

Note. Unus, when used as a numeral, takes de, or e, or ex after it, and seldom the genitive plural. Hence una e pilulis would be preferable to una pilularum.]

#### Verbs.

Rule 14. A transitive verb governs the accusative;

Recipe unciam (vel drachmam). Capiat cochleare. Mitte sanguinem. Sumat unam [pilulam].

Rule 15. Verbs of giving, taking away, composing, &c., and many verbs compounded with ad, in, ob, præ, sub, govern an accusative and dative, if the verb be active; if passive, a dative only.

Des infantulo lactenti cochleare minimum aguæ menthæ. Admoveantur regioni renum hirudines sex. Capiat cochlearia duo in languoribus, præcipue diebus purgationi deditis. Si prima venasectioni non cedat morbus.

Rule 16. Utor, and some other words, govern the ablative; as-

Utatur sequenti. Utatur pediluvio. Utatur

æger equitatione.

Rule 17. One verb governs another in the infinitive; as—

Caput tonderi debet.

Rule 18. Participles, gerunds, and supines govern

the case of their own verbs; as-

Augendo dosin. Augendo minuendove quantitatem. Fiat linimentum cervici et scapulis infricandum. Instillando tincturæ opii guttas sex.

Rule 19. Natus, editus, creatus, and some other participles, require an ablative case, and oftentimes with a preposition; as—

Nata humoris detractio ab emplastro cantha-

ridis.

Rule 20. The gerund in di is governed by substantives or adjectives; as—

Tempore cænandi. Tempore capiendi.

Rule 21. Gerunds governing the accusative may be elegantly turned into the participles in dus, which agree with their substantives in gender, number, and case; as—

Ad acorem compescendum. Ad alvum

excitandam.

The Construction of Circumstances.

Circumstances are five: Cause, Manner, Instrument, Place, and Time; and they are common to the verbs and nouns.

Rule 22. The cause, manner, and instrument,

are put in the ablative; as-

Pleno rivo. More solito. Eodem modo. Manu calida. Ope penicilli. Curetur pars exulcerata unguento sabinæ. Igne leni. Alvo hisce medicamentis liberè solutà.

Rule 23. Nouns signifying part of time, and answering to the question quando (when?), are put in the ablative; as—

Omni nocte. Sextis horis. Tempore matutino.

Rule 24. But nouns signifying duration of time, and answering to the question quandiu (how long?), are put in the accusative, the prepositions per, ad, in, intra, inter, being frequently expressed; as—

Horam. Per horam. Per tres noctes.

Inter noctem.

Rule 25. A substantive and a participle, whose case depends upon no other word, are put in the ablative absolute; as—

Urgente tussi. Vase priùs agitato. Peractâ effervescentiâ. Durante fluxu cruento. Fluxu cessante. Finitâ effervescentiâ.

### Prepositions.

Rule 26. The prepositions ad, apud, ante, inter, per, pone, secundum, &c., govern the accusative; as—

Ad uncias decem. Adversum renes. Inter

scapulas. Pone aurem. Infra cubitos. Prope cartilaginem thyroideam.

Rule 27. The prepositions a, ab, cum, de, e or ex, pro, govern the ablative; as—

Cum coellearibus tribus. E brachio. Ex

largo vulnere. De novo.

Rule 28. Some prepositions govern either the ablative or the accusative; thus in, signifying in, governs the ablative; when it signifies into, an accusative. Sub, super, and some others, also govern either case; as—

In wrethram. Bis in die. In partes excoria-

tas. Sub aurem. Super alūtam.

Rule 29. Verbs compounded with a, ab, ad, con, de, e, ex, in, sometimes repeat the same prepositions, with their case out of composition, and that elegantly; as—

Detrahantur de hypochondrio dextro san-

guinis unciæ decem.

### Conjunctions.

Rule 30. The conjunctions et, ac, atque, aut, vel, and some others, couple like cases and moods; as—

Duabus vel tribus horis. Post singulas sedes liquidas vel singulas vomitiones. Admoveantur parti affectæ hirudines sex, et pro re natá repetantur.

Rulc 31. The following conjunctions are generally found governing a subjunctive mood: ut, si, ne, donec; as—

Ut fiat haustus. Donec alvus responderit. Donec vomitus supervencrit. Si vigiliæ

anxcrint. Si tussis increbuerit.

#### Adverbs.

Rule 32. Some adverbs of quantity, time, and place, govern the genitive; as—
Quod satis est sacchari albi.
Quantim sufficiat aqua.

# II. GRAMMATICAL EXPLANATION OF PRE-

It will be sufficient, perhaps, to present the student with a grammatical explanation of two prescriptions.

No. I.

(1) B. Ferri Carbonatis ziss.
(2) Rhei Pulveris gr. xv.

B) Olei Anthemidis gtt. v.

- (4) Conservæ Rosæ quantum sufficiat, ut fiat massula in pilulas viginti dividenda, quarum sumat æger tres octavis horis.
- (1) Recipe, verb active, imp. mood, 2d pers. sing. agreeing with Tu understood (Rule 2); from Recipio, erc, ccpi, ceptum, 3d conj. act. Governs an accusative. (Rule 14.)

- Drachman, noun subst. acc. sing. from Drachma, æ, f. 1st decl. Governed by Recipe. (Rule 14.)
- Cum, preposition. Governing an ablative case. (Rule 27.)
- Semsse, subst. abl. case sing., from Sēmis, issis, m. 3d decl. Governed by cum. (Rule 27.)
- CARBONATIS, subst. gen. sing. from Carbonas, atis, f. 3d decl. Governed by Drachmam. (Rule 9.)
- FERRI, subst. gen. sing. from Ferrum, i, n. 2d decl. Governed by Carbonatis. (Rule 9, and note.)
- 12) RECIPE, understood.
  - Grana, subst. acc. pl. from *Granum*, i, n. 2d decl. Governed by *Recipe*, understood. (Rule 14.)
  - Quindecim, adj. indeclin.
  - Pulveris, subst. gen. sing. from Pulvis, eris, m. 3d decl. Governed by Grana. (Rule 9.)
  - RHEI, subst. gen. sing. from Rheum, i, n. 2d decl. Governed by Pulveris. (Rule 9, and note.)
  - 3) Recipe, understood.
    Guttas, subst. acc. pl. from Gutta, a, f. 1st

decl. Governed by Recipe, understood. (Rule 14.)

Quinque, adj. indeclin.

OLEI, subst. gen. sing. from Oleum, i, n. 2d decl. Governed by Guttas. (Rule 9.)

ANTHEMIDIS, subst. gen. sing. from Anthemis, idis, f. 3d decl. Governed by Olei. (Rule 9, and note.)

### (4) RECIPE, understood.

QUANTUM, adverb. Governing the genitive case. (Rule 32.)

Sufficiat, verb subj. mood, pres. tense, 3d person singular, from Sufficio, ĕre, feci, fectum, neut. and act. 3d conj.

Conservæ, subst. gen. sing. from Conserva, æ, f. 1st decl. Governed by Quantum. (Rule 32.)

Rosæ, subst. gen. sing. from Rosa, æ, f. 1st decl. Governed by Conservæ. (Rule 9, and note.)

UT, conjunct. Governing a subjunct. mood. (Rule 31.)

Massula, subst. nom. case, a, a, f. 1st decl.

Fiat, verb, subj. mood, pres. tense, 3d person singular, from Fio, fis, factus sum vel fui, ficri, neut. Governed by Ut (Rule 31).

and agreeing with its nominative case Massula (Rule 2).

DIVIDENDA, particip. nom. case, fem. gend. from *Dividendus*, a, um (à dividor, i, sus, pass. 3d conj.). Agreeing with Massula. (Rule 1.)

In, preposition. Governing an accusative case. (Rule 28.)

PILULAS, subst. acc. pl. from *Pilula*, æ, f. 1st decl. Governed by *In*. (Rule 28.)

Viginti, adj. indecl.

QUARUM, relative pronoun, gen. pl. fem. from Qui, quæ, quod. Agreeing with its antecedent Pilulas in gender and number. (Rule 4.) Governed in the gen. case by Tres. (Rules 6 and 13.)

Æger, adj. mas. gend. nom. Æger, ægra, ægrum. Agreeing with homo, understood.\*
(Rule I.)

Eger and agra are now used as substantives; the for a male, the second for a female patient. "Eger and olus agree in denoting the unsound state of the objects which they are applied, but differ in respect to the ure of those objects. The first, as a generic term, ends to both mind and body, while the latter expresses disease of the body alone."—Hill's Synonymes of the in Language.

SUMAT, verb, 3d pers. sing. subj. mood, from Sumo, ĕre, psi, ptum, act. 3d conj. Agreeing with ager, understood (Rule 2); governing an acc. case (Rule 14).

Tres, adj. acc. pl. fem. from Tres, tria. Agreeing with Pilulas, understood (Rule 1), and which is governed by Sumat (Rule 14).

Horis, subst. abl. plural, from Hora, a, f. 1st decl.; signifying part of time, and therefore put in the abl. case. (Rule 23.)

OCTAVIS, adj. abl. plur. fem. from Octavus, a, um. Agreeing with horis. (Rule 1.)

#### No. II.

(1) R. Pulv. Scamm. 9ss. (2) — Jalapæ gr. v. (3) Calomelanos gr. iij.

(4) M. Fiat pulvis purgans, extemplò in pulpâ pomi tosti sumendus.

(1) RECIPE, as before.

SCRUPULUM, subst. acc. sing. from Scrupulus, i, m. 2d decl. Governed by Recipe. (Rule 14.)

DIMIDIUM, adj. acc. sing. masc. from Dimidius, a, um. Agreeing with Scrupulum. (Rule 1.)

Pulveris, subst. gen. sing. from Pulvis, eris, m. 3d decl. Governed by Scrupulum. (Rule 9.)

SCAMMONIÆ, subst. gen. sing. from Scammonia, æ, f. 1st decl. Governed by Pulveris. (Rule 9, and note.)

RECIPE, understood, as before.

Grana, subst. acc. pl. neut. from *Granum*, i, n. 2d decl. Governed by *Recipe*, understood. (Rule 14.)

Quinque, adj. indecl.

Pulveris, subst. gen. sing. from *Pulvis*, eris, m. 3d decl. Governed by *Grana*. (Rule 2.)

JALAPE, subst. gen. sing. from Jalapa, æ, f. 1st decl. Governed by Pulveris. (Rule 9, and note.)

RECIPE, understood, as before.

Grana, subst. acc. pl. from Granum, i, n. 2d decl. Governed by Recipe. (Rule 14.)

Tria, adj. acc. pl. neut. from Tres, tria. Agreeing with Grana. (Rule 1.)

(CALOMELANOS, subst. gen. sing. from Calomelas, a word compounded of two Greek words, καλός (kalos), good, and μέλας (melas), black; declined like the masculine gender of the adjective μέλας (melas), Nom. Calomelas; Gen. Calomelanos; Dat. Calomelani; Acc. Calomelana; Voc Calomelas; Abl.\* Calomelane. Calomela nos is governed by Grana. (Rule 9.)

(4) Misce, verb, 2d pers. sing. imper. mood from *Misceo*, ēre, ui, mistum and mixtum Act. 2d conj. Agreeing with *Tu*, under stood. (Rule 2.)

Fiat, verb, subj. mood, from Fio, fis, factu sum vel fui, fieri, neut. Agreeing witl Pulvis. (Rule 2.)

Pulvis, subst. nom. sing. masc. 3d decl.

Purgans, part. nom. sing. masc. Purgans tis, from Purgo, are. Agreeing with Pulvis (Rule 1.)

Sumendus, part. Agreeing with *Pulvi* (Rule 1) in gender, number, and case From *Sumor*, *i*, pass. 3d conj.

Extemplò, adverb.

In, prepos. governing an abl. case. (Rule 28'

Pulpa, subst. abl. sing. from Pulpa,  $\alpha$ , f. 1s decl. Governed by in. (Rule 28.)

<sup>\*</sup> There is no ablative case in Greek.

Pom, subst. gen. sing. from *Pomum*, i, n. 2d decl. Governed by *Pulpa*. (Rule 9.)

Tostus, a, um (Torreor, eri, 2d conj.)
Agreeing with Pomi. (Rule 1.)

# HAPTER X.—THE PRONUNCIATION OF PHARMACEUTICAL TERMS.

The true pronunciation of the Latin language ing lost, the different nations of Europe genety substitute their own. The Italian probably proaches the nearest to it." (Zumpt.) The lowing remarks on the pronunciation of Latin armaceutical terms apply, therefore, to the glish mode of pronouncing this language.

In the pronunciation of these, as of other terms, guides are threefold,—viz. certain established es, the authority of the poets, and established tom.

The rules may be arranged under three heads,

st. Those relating to the pronunciation of the control of the pronunciation of the pronunciat

2nd. Those relating to the pronunciation of syllables.

3rd. Those relating to the length or quantity of syllables.

# SECT. I .- Rules for the Pronunciation of Letters.

The following general rules for the pronunciation of the letters of Latin words are those usually followed by classical authorities of the present day.

Rule 1. C and G.—C and G before a, o, u, and consonants, are pronounced hard. C is sounded like K; as in Calumba, Copaiba, Cuprum, and Creta. G has a hard guttural sound; as in Galbanum, Gossypium, Guaiacum, and Glycyrrhiza.

C and G before e, i, and y, are, with us, generally pronounced soft. C sounds soft like S, as in Cetraria, Citrus, Cydonia, Cyanidum, and Cynanchum. G is pronounced like J; as in Gentiana, Hydrargyrum, Oxygen, and Hydrogen.

Observ.  $\alpha$ . The student is to understand that these rules, although almost universally followed by classical authorities of the present day, are not probably in accordance with the practice of the ancient Romans. For it is nearly certain that they always pronounced C hard, like K; and it is further probable that C and G were pro-

counced by them in the same manner; that is, ke K.

Observ.  $\beta$ . It is by no means uncommon to ear C and G pronounced hard before e and y in ertain words of Greek origin. This pronunciaon is sometimes adopted, from a fancied notion f its greater correctness, founded on the fact that the words are derived from the Greek, in which he corresponding letters are pronounced hard. Thus occasionally we hear men of considerable lassical attainments pronounce the C and G hard 1 the following words: Cyanogen, Cyanidum, Hydrocyanicum, Hyoscyamus, Hydrargyrum, ))xygen, and Hydrogen; as if they were spelt yanogen, kyanidum, hyoskyamus, &c. But such mode of pronunciation always appears pedantic nd affected. Moreover, if the principle be corect, it should be extended to all words, of both ommon and rare occurrence, derived from the Freek, and is equally applicable to the English as o the Latin language; and thus the words enealogy and geology would be pronounced with he g hard. But what "would become of our inguage," says Walker, "if every word from the Freek and Latin, that has g in it, were so ronounced?"

Rule 2. Ch.—Ch is usually pronounced hard, ike K—a practice which is consonant, probably, 7ith that of the Romans; as in Chenopodium

(ken), Chelidonium (kel), Mastiche (mastike), Chela (kela), Chimaphila (ki), Chondrus (ko),

Moschus (moskus), &c.

Observ. a. This rule is very frequently violated by pharmacists. Thus Chia (e. g. Terebinthina Chia) is often erroneously pronounced as if written tshia, whereas it should be sounded as kia.

Catechu\* is often erroneously sounded as if written katetshoo, whereas the true pronunciation is that of kateku or katequ; the chu being

pronounced as ku or qu.

Observ.  $\beta$ . Colchicum, following the same rule, should be pronounced kolkekum; but it is more frequently sounded koltshecum. The former pronunciation (kolkekum) is supported not only by analogy and the pronunciation of the Greek primitive  $(\kappa o \lambda \chi \iota \kappa \delta \nu)$ , but also by the modern pronunciation of the name of the place Colchis or Colchos (pronounced kolkis or kolkos), where this plant is said to flourish abundantly, and from which it received its name. In favour

<sup>\*</sup> The word Catechu is said to be derived from Cate, the name of a tree, and Chu, juices (B. J. Murray, App. Medicam. vol. ii.). With the aid of Professor H. H. Wilson, I have endeavoured, but in vain, to verify this etymology. Professor Wilson suggests that the word is derived from two Malay words, Gateh and Kuah; the former signifying juice obtained by boiling—the latter, juice by exudation. The two words put together would make something like our word Catechu, Gateh-Kuah,

the second pronunciation (koltshekum), which opposed to classical authority, nothing can be reged but custom; which, however, is now so meral among medical men, that to deviate from

appears affected and pedantic.

Observ.  $\gamma$ . The rule for pronouncing ch hard, the k, is frequently deviated from in the case of emmemorative botanical names; thus Richardnia is pronounced Ritshardsonia. For it is a leamong botanists, in naming plants after inviduals, to preserve strictly the orthography and conunciation of the primitives. And though, it is be admitted, this practice leads to the formation of words foreign to both the genius and protinciation of the Latin language, yet the practical inconvenience is less than if the botanists of the country were permitted to alter the names suit their own national mode of pronouncing attin words.

Observ. 8. The word Chiretta or Chirayta (applied to an Indian gentianaceous plant employed medicine as a tonic) is pronounced similar to Indian derivative,—that is, with the ch soft, se tsh (as tshiretta, tshirayta); for this accords the pronunciation of the word in the Tamool, khanie, Hindoostanie, and Bengalie languages.

Rule 3. Cm, Cn, Ct, Gm, Gn, Mn, Tm, Ps, d Pt, when they begin a word, are pronounced the the first letter mute; as Cnicus (nikus),

Gnidia (nidea), Pterocarpus (terokarpus), and Psychotria (sikotrea).

Rule 4. T, S, and C before ia, ie, ii, io, iu, ea, and eu, when the accent precedes, change their sounds into sh and zh; as Aurantium (auransheum), Arundinacea (arundinashea), Erinaceus (erinasheus), Acacia (akashea), Artemisia (artemezhea), Magnesia (magneshea), Cassia (cashya).

But, when the accent is on the first diphthongal vowel, the preceding consonant preserves its

sound, as Aurantiacum (aurantiakum).

Observ. This rule is not always adhered to. Thus Potassium is usually pronounced po-tas'-seum, not potasheum; and Calcium, kal'-se-um, not kalsheum. The letter s in the first, and c in the latter word, are, of course, liable to receive the pronunciation indicated by sh.

Rule 5. Sch sounds sk; as Schænus (skenus).

RULE 6. X at the beginning of a word sounds like Z; as Xericum (zerekum), Xeres (zerez), and Xanthorrhæa (zanthorrea). But in other positions it retains its own proper sound; as in Taxus, Borax, Styrax, Opoponax.

Rule 7. English classical writers pronounce the Latin vowels, a, e, i, o, u, as they do the English ones.

Rule 8. Diphthongs are also pronounced as in

English. As  $\alpha$  and  $\alpha$  are pronounced like e, these diphthongs are called *improper*, because the

sound of the first letter is lost.

Observ. A diphthong is sometimes split or livided into two syllables, each of which is separately pronounced. When this is the case the mark ("), called the diæresis or dialysis, is placed over one of the letters of the diphthong to indicate that the vowels are to be separated in pronunciation: the words Aloë, Benzoïnum, and Cambo-

vioïdes are examples.

The word Cephaelis (e.g. Cephaelis Ipecacunha) is often pronounced as if the diæresis were
blaced over one of the vowels. This, however,
s an error. Its true pronunciation is the same
is if the word were written Cephælis (that is sef-ē'is). The etymology of the word Cephaelis (from  $\epsilon \phi a \lambda \dot{\eta}$ , a head, because the flowers are disposed
heads) clearly proves this. It would be more
orrectly spelled Cephalis.

SECT. II.—Rules for the Pronunciation of Syllables, or for the Accent.

English classical authorities, in pronouncing atin syllables or words, follow the usage of their wn language; that is, they pronounce as a word imilarly spelled would be pronounced in English. This custom undoubtedly leads to a pronunciation uite at variance with that of the Romans,

In pronouncing words of more than one syllable, a particular strength or force of the voice is laid on one syllable to distinguish it from the others. This is called the *accent*, or sometimes the *principal accent*. In writing, this mark (') is employed to designate the accented syllable; as in the word *Men'tha*.

Some of the longer polysyllables have another accent, ealled secondary. Thus the compound word Fer'rocyan''idum has two accents,—the principal one (denoted by the double accentual mark, thus '') and the secondary one (indicated by the single accentual mark, thus ').

The following are the rules of Latin accentuation as usually followed by English orthoëpists:—

Rule 9. Dissyllables, or words of two syllables, whether Greek or Latin, whatever be the quantity in the original, have, in English pronunciation, the accent on the first syllable; as a pis, bac'ca,

eal'eis, gal'lus, li'quor.

Observ. In the English language, dissyllables, accented on the first syllable, usually have that syllable long. Hence, because Latin dissyllables are accented on the first syllable, this syllable is usually pronounced long: and thus we say  $l\bar{\iota}'quor$ , instead of  $l\bar{\iota}q'uor$ , making the first syllable long, or nearly so; while the genitive case of this word is pronounced with the first syllable short, as  $l\bar{\iota}q'uoris$ ,

Rule 10. In polysyllables, or words with three or more syllables, the accent is on the penultimate if that syllable be long. The following are examples:—acē'tum, acē'tas, acetā'tis, achillē'a, aconī'tum, conī'um, carbonā'tis, sinā'pis, sulphurē'tum.

Observ. See p. 175 for the rules which apply to the words achillea, conium, and acetas, which are sometimes accented, though erro-

neously, on the antepenultimate.

Rule 11. In polysyllables, or words with three or more syllables, the accent is on the antepenultimate if the penultimate be short. The following are examples:—ac'ŏrus, at'rŏpa, cam'phŏra, chima'phĭla, en'ĕma, ox'ĭdum, chlo'rĭdum, cyan'ĭdum, bro'mĭdum, io'dĭdum, mellif'ĭca.

Observ. We frequently hear this rule violated, and the words erroneously pronounced thus:

atro'pa, camphō'ra, chlorī'dum.

Walker has thus expressed in English verse the preceding rules:—

"Each monosyllable has stress of course; Words of two syllables, the first enforce: A syllable that's long, and last but one, Must have the accent upon that, or none: But if this syllable be short, the stress Must on the last but two its force express."

# SECT. III.—Rules relating to the Quantity of Syllables or Vowels.

In pronouncing Greek or Latin words, the English do not always retain the Greek and Latin quantities, but follow the analogy of their own language; so that syllables which, in Latin, are long, are frequently pronounced short, and vice versa. The same holds good with respect to Greek words which are pronounced as coming to us through the Latin. The following are a few illustrative examples:—

liquor is pronounced by the English	liquor
tāpis	$lar{a}pis$
***************************************	
rősa	
lilium	

Attempts have been occasionally made to introduce the practice of pronouncing Latin and Greek words according to the Latin and Greek quantities, but without much success.

Rule 12. A vowel before another (or, which is the same thing, before h followed by a vowel, or before a diphthong) is short; as in abĭes, allĭum, absinthĭum, olĕum, lutĕus, mezerĕum, purpurĕus.

Observ. To this rule numerous exceptions xist; but the only class of exceptions requiring otice here is that of words of Greek origin.

Words which in Greek are written with ei efore a vowel, and in Latin with e or i, have the or i long, as in centaure'a and centauri'um κτενταυρεία and κενταύρειον), achillē'a (ἀχίλλειος)

nd conī'um (κώνειον).

The word conium is often erroneously procounced with the accent on the antepenultimate nd the i short, thus co'nium; and in Loudon's Dictionary of Plants it is directed to be so proounced,—on the assumption, I presume, that it ollows the general rule of a vowel being short refore another vowel, and also, perhaps, because he Greek accent is on the first syllable. But, as is derived from the Greek word κώνειον, and as is i has been substituted for the  $\epsilon \iota$  of the rimitive, it obviously belongs to the class of exceptions just alluded to, and, therefore, should ee pronounced with the i long, as above directed: hius-coni'um.

Rule 13. "A vowel before two consonants is Ilways deemed long [by position], though procounced with the short sound of the English owel, as the penultimate of anten'na for ar-Entum, canel'la, calum'ba]; unless the two consonants are a mute and a liquid—for then the revious yowel may be short, and consequently unaccented, as in cer'ĕbrum."—Smart's Walker Remodelled, p. xxxv.

Rule 14. Diphthongs are long both in Latin and Greek words; as in  $f\bar{\alpha}niculum$ ,  $alth\bar{\alpha}a$ , and  $h\bar{\alpha}matoxylum$ .

Observ. Præ in composition is usually short

before a vowel; as in præustus.

Rule 15. In words of two syllables with but one consonant in the middle, whatever be the quantity of the vowel in the first syllable in Greek or Latin, it is always made long in English pronunciation; as in  $\bar{a}'deps$ ,  $\bar{a}'pis$ ,  $\bar{a}'rum$ ,  $b\bar{o}'rax$ ,  $br\bar{o}'mus$ ,  $c\bar{o}'cos$ ,  $k\bar{\iota}'no$ ,  $p\bar{\iota}'nus$ ,  $r\bar{a}'dix$ ,  $s\bar{a}'po$ , and  $s\bar{o}'da$ .

Rule 16. In words of three syllables, with the accent on the first, and with but one consonant after the first syllable, the first syllable is pronounced short, let the Greek or Latin quantity be what it will, as in ăc'orus, ăl'oë, ăm'ylum, sĕn'ega.

Observ. The words acorus and amylum are often, but erroneously, pronounced acō'rus and amy'lum. Thus we frequently hear persons talk of using the decoctum amy'li as an enē'ma! [The pronunciation should be am'yliand ēn'ēma.]

RULE 17. A number of Latinized polysyllables, terminating in dum or idum, employed in modern chemistry and pharmacy, make their penultimate short, like the Latin adjectives in idus (idus,

um): hence their accent is on the antenultimate; as—ox'idum, chlo'ridum, io'didum, o'midum, and cyan'idum.

Rule 18. Some Latinized polysyllables, termiting in etum, employed in modern chemistry d pharmacy, make their penultimate long, the penultimate of polysyllabic supines in tm; as—sulphurētum, carburētum, and phosurētum.

Rule 19. Another class of Latinized names produced into modern chemistry is that which cludes the words used to designate the oxysalts. It ey are the nouns \* of the third declension, and aminate in either is or as (ite or ate in English), as—car'bŏnas, phos'phas, nī'tras, sul'phas, ĕn'īas, iō'das, and ar'sĕnis.

Both dissyllables and trisyllables lengthen the

In the French Codex, and generally in Continental ks, these words are made masculine: as in the terms onas sodicus and arsenis polassicus. In the Edinburgh Dublin Pharmacopæias they are made neuter; as in the ises carbonas sodie exsiccatum and ferri sulphas exsiccat. In the London Pharmacopæia, on the contrary, they made feminine; as in the term sodie carbonas exsiccata, be admitted that these words lengthen the increment, then come under Lilly's second special rule, that ins increasing long in the genitive are feminine." "If are to be guided by the standard of classical authority, London College is certainly correct."—Bostock's Reks on the Nomenclature of the New London Pharmacia.

increment, and the accent then falls on the penultimate, as—sul'phas, sulphā'tis; nī'tras, nitrā'tis; arsĕn'ĭas, arsĕnĭā'tis; iō'das, iōdā'tis; and ar'sĕnis, arsĕnī'tis.

Observ. The word acetas is sometimes pronounced with the penultimate short, and consequently with the accent on the antepenultimate; as—ac'ĕtas. But as the penultimate in the primitive (acē'tum) is long, the penultimate of the derivative (acetas) should be long also (acē'tas).

Rule 20. Compound words have the same quantity as the simple words of which they are compounded: as perox'ĭdum, bichlo'rĭdum, biniōdĭdum, ferrocyan'ĭdum and bisul'phas.

#### Note on the Gender of Latinized Chemical Names.

Great Britain stands alone in considering chemical names ending in as, ātis, is, ītis, as feminine.

In Continental practice they are masculine, and it is an open question whether, there being no classical authority but only the law of custom, British pharmacists should not conform to this arrangement.—[Ed.]

### PROSODIACAL VOCABULARY

OF

#### WORDS EMPLOYED IN MATERIA MEDICA AND PHARMACY.

ēs, abī'ētis. f. In the hrase resina abietis, the tter word is often, but roneously, pronounced it'inus (usually proounced abieti'nus), a, um. ot'onum vel abrot'anum, η. άβρότονον. n'thĭum, ii. n. ἀψίνθιον.

cĭa, æ. f. akakia. tas, ātis. f.

třeus, a, um. o'sa, æ. f. osella, æ.f. tum, i. n.

ille'a vel achillæ'a, æ. f. lum, i. n.

lus, a, um. . /ŭla, æ. f. en'ser, ĕris. m. nîtî'na, æ. f.

ιī'tum, i. n. ἀκόνῖτον.

ăc'erus, i. m. ακορον, the aromatic root of the plant ακορος.

adeps, ipis. m. and usually m.

ærū'go, ĭnis. f.

æ'ther, ĕris. m. æthē'reus, a, um.

æthĭ'ŏpis, ĭdis. f. αἰθἴοπίς, ίδος, an herb.

æth'ĭops, ŏpis, m. αἰθῖοψ, ŏπŏs, a blackamoor.

agăr'icus, i. m., vel agăr'icum, i. n. αγαρικόν.

ăgăth'ŏtēs, f. ἀγαθότης, ητος. albū'měu, ĭnĭs. n.

āl'bus, a, um. āl'cŏhol, ŏlis, m. or n.\*

ălexandrī'nus, a, um. al'ga, æ.f.

al'kali,† pl. alkalia. n.

alkali'nus, a, um. al'lĭum, ii. n.

In the French Codex the word alcohol is made masne, whereas in the old Edinburgh Pharmacopæia it was idered neuter.

"Salt tartre, alcaly, and salt preparat, And combust matieres, and coagulat."

CHAUCER, Prologe of the Chanounes Yeman.

ăl'ŏë, es. f. άλόη. alpī'nĭa, æ. f. althæ'a, æ. f. ălū'men, Inis. n. ălū'mĭna, æ, f. ălū'ta, æ. f. ămal'găma, ătis. n. amā'rus, a, um. ammō'nĭa, æ. f. ammöní'ăcum, i. n. άμμωνιακόν. ammonia'tus, a, um. ammo'nĭum, ii. n. ămō'mum, i. n. αμωμον. amyg'dåla, æ. f., an almond. ămygdăl'Inus, a, um. ămyg'dălus, i. f., an almond tree. am'yl, indecl. n., amyl. ăm'ylum, i. n. auvlos. am'yris, Idis. f. From a, answering to very; and μυρίς, a balsamic tree. anchū'sa, æ. f. äyxovoa. andi'ra, æ. f. The Brazilian name of a tree (Marcgraar). andropo'gon. m.  $\dot{a}\nu\dot{\eta}\rho$ , man; and πώγων, a beard. ăněmo'ne, es. f. ἀνεμώνη. ăne'thum, i. n. aνηθον. angěl Tea, æ. f. āngustū'ra, æ. f. Angostura

(Spanish), narrownes; from angustus, narrow. ăulmā'lis, e. ănī'sum, i. n. an'nŭŭs, a, um. ăno dyna, orum. n. pl. aνώδύνα. ăuδ'dynus, a, um. ἀνώδῦνος. an'themis, idis. f. ανθεμίς. antid'otnin, i. n., rel autid'ότυς, i. f. αντίδοτος. antimoniă'lis, e. antimon'ium, s ii. n. ă'pis, is. f. ă'pinm, ii. *u*. apoc ynum, i. n. απόκυνον. ă'qua. æ. f. arăb'ieus, a, um. ar'bŭtus, i. f. archangel'ica, æ. f. aretőstáph'ylos. f. арктоя, a bear, the north: and σταφύλή, a bunch of grapes. are'ea, æ, f. A Malabar word (Clusius). ărê'na, æ. f. ar'gel, indecl. argemo'ne, es. f. argěn'tum, i. n. ă'ries, ari'etis, m. aristŏlŏch'ĭa, æ. f. armen'ia, æ. f.

<sup>\*</sup> It is said that Basil Valentine first tried the effects of antimonial medicines upon the monks of his convent, on whom they acted with such violence that he was induced to distinguish the mineral from which those medicines had been extracted by the name of antimoine (i.e. hostile to monks); but the true derivation is unknown.

meni'ăcus, a, um. mora cla, æ. f. 'nica, æ. f. ō'ma, ătis. n. omăt'icus, a, um. sĕn'ias, ātis. f. (see page 178). sen'Icum, i. n. αρσενικόν. sčn'Icus, a, um. sčnio'sus, a, um. 'sĕnis, ītis. f. (see p. 178). těmľs'ia, æ. f. ἀρτεμϊσία. tocar pus. f. From apros, bread; and καρπός, fruit. · um, i. n. apov. ındına'ceus, a, um. ligræa, æ. f. Called after Dr. Asa Grav. ărum, i. n. elē'plas, adis. f. ἀσκληπιάς. po**ă**r'ăgus, i. m. bid ium, ii. n. ἀσπίς, ἀστίδος. plē'n lum, ii. n. ἀσπλήνιος. ifœ'tida, æ. f. răg'alus, i. m. ἀστράγα-105. rriplex, icis. ττόρα, æ. f. ατροπος. an'tlum, ii. n. ūmnā'lis, e. rum, i. n. ella'na, æ. f. na, æ. f. m'gia, æ. f. 'tum, i. n. a, priv.; ζωή, ife.

·'ca, æ. f.

aus'tlum, ii. n.

bāl'něum, i. n. bālsăm'ĕa, æ. f. bālsămodēn'dron, n. βάλ- $\sigma a \mu o \nu$ , balm; and  $\delta \epsilon \nu \delta \rho o \nu$ . bāl'sămum, i. n. βάλσαμον, balm.barbaden'sis, e. Las Barbadas (Portuguese), the bearded islands. ba'rlum, ii. n. βάρύς, heavy. bărŏs'ma, æ. f. βἄρύς, heavy ; and οσμή, smell. bary'ta, æ. f. βαρύτης. basil'ĭcus, a, um. βασίλικός, royal.bdēl'llum, ii. n. βδέλλιον. belladon'na, æ. f. Bella donna (Italian), fair lady. benz'ŏas, ātis. f. (see p. 178). ben'zŏë, es. f. (declined like Aloë: see p. 129). benzo'ïcus, a, um. benzo'inum, i. n. benzo'ïnus, a, um. bi, or for euphony bin; from the Latin bis, twice. prefix to certain words. It signifies twice double, as in the compounds bicarbonas, biniodidum, bichloridum, binoxidum. For the pronuuciation of these terms, see chloridum, iodidum, &c. bismuthum, i. n. Wismuth (German). bitumen, inis, n. bole tus, i. m. βωλίτης. bo'lus, i. m.

bonplan'dĭa, æ. f. Named after Aimé Bonpland, a French botanist. bo'ras, ātis, f. (see p. 178). bo'rax, ācis, m. boswel'lïa, æ. f. Named after Dr. Boswell. bŏvīl'lns, a, um. bovī'nus, a, um. bras'sĭca, æ. f. brō'mas, ātis. f. (sec p. 178). From βρώμος, a stink. brō'mĭcus, a, um. brö'mĭdum, i. n. bro'mnm, i. n. From βρωμος, a stink. bru'cia, æ. f. Derived from the name of a Scotch traveller, James Bruce. bu'chu. Boekoc, bookoo, or buku, African names for the plant. būty'rum, ri. n. βούτυρον, butter. The pennitimate is long, because it is long

cacā'o. An Indian word; caca'o (Spanish). cac'tus, i. m. κάκτος. cacū'men, inis, n. cad'm'num, ii. n. cajupū'ti, indeel. căl'ăber, abra, um calami'nu, æ. f. calami'na, æ. f. calami'nā, æ. m. calami'ta, æ. m. κάλάμος.

in τυρός, cheese.

calom'elas, calomel'anos, n. (see p. 163). calot'ropis, f. καλός, beautiful; and τρέπω, I turn. calum'ba, æ. f. cal'cium, ii. n. cālx, cāl'cis, f. cambo'gla, æ. f. cambogior des. From cambogia, and eloos, form or resemblance. campechiā'nus, a, um. campes'ter, tris, tre. cam'phora, æ. f. καμφορά. camphorā'tus, a, um. canaden'sis, c. cān'dĭdns, a, um. canel'la, æ. f. cănī'uns, a, nm. can'na, æ. f. cannăbī'uns, a, nm. can'năbis, is. f. κάννἄβις. cān'thăris, ĭdis. f. κανθαρίς. cap'sícum, i. n. καψικόν. capsŭ'la, æ. f. car'bo, onis. m. cār'bonas, ātis. f. (see p. 178). carburë'tnm, i. n. cardămi'ne, es. f. καρδά- $\mu \iota \nu \eta$ . cardămō'mnm, i. n. καρδάμωμον. cā'rĭca, æ. f. cărō'ta, æ. f. car'thamus, i. m. ca'rni. Altered from carum. ca'rum, i. n. caryophyllä'tus, a, um.

cāryophyl'lnm, i. n., a clove.

καρυόφυλλον.

caryophyl'lus, i. m., a clove tree. cascaril'la, æ. f. zā'sĕum, ei. n. cas'sĭa, æ. f. pās'tor, ŏris. m. κάστωρ, ορος. castor'ĕum, ei. n. eastor'ĕus, a, um. eătāplas'ma, ătis, n. κατάπλασμα. czatapu'tia, æ. f. cat'echu, indecl. (see p. 168). cathar'tĭcus, a, um. cathartocar'pus, i. m. κάθαίρω, I purge; and καρπός, fruit. cau'sticus, a, um. czaute'rĭum, ii. n. e ebadil'la, æ. f. The diminutive of cebada (Spanish), barley. centaurë'a, æ. f. entauri'um, i. n. r :ē'pa, æ. f. cephae'lis vel cephælis. f. r :ē′ra, æ. f. cer'asus, i. f. eērā'tum, i. n. ērā'tus, a, um. er'běra, æ. f. A poetic name, derived from Cer'běrus, i. m., the threeheaded dog in the infernal regions. er'ěbrum, i. n. :ĕrĕvī'sĭa, æ. f., also cervi'sĭa.

erus'sa, æ.f. κηρύσσα.

er'vus, i. m.

eta'cĕum, ei. n.

cetra'rĭa, æ. f. chăl'ybs, chăl'ybis. m. chămæmē'lum, i. n. χάμαίμηλον. chē'læ, ārum, pl. f. χηλή. chělidon'ium, ii. n. χελιδόνιον. chēnopod'ium, ii. n.  $\chi \dot{\eta} \nu$ , χηνός, a goose; and πούς, ποδός, a foot. chīmăph'īla, æ. f. From χείμα, winter; and φιλέω, I love. chi'os, i. f. χίος. chiret'ta, æ.f. chīrō'nĭa, æ.f. From χείρων. chī'us, a, um. chloral, indecl. n. Chloral. chlorinā'tus, a, um. chlö'rĭdum, i. n. (see chlorum). chlörinā'tus, a, um. chlorum, i. n. From χλωρός, pale green. chlöröfor'mum, i. n. chŏcŏlā'ta, æ. f. chon'drus, i. m.  $\chi \acute{o} \nu \delta \rho o \varsigma$ . cīchō'rĭum, ii. n. κῖχώριον. cĭcū'ta, æ. f. cincho'na, æ. f. cinnăb'ări, indecl. n., and cinnăb'ăris, is. f. κιννάβἄρι. cinnămō'mum, i. n. κιννάμωμον. cissam'pělos. κισσός, ivy; and  $\tilde{a}\mu\pi\epsilon\lambda o\varsigma$ , a vine. ci'tras, ātis. f. (see p. 178.) cit'rĭcus, a, um. cit'rInus, a, um. cit'rus, i. f. κίτρον.

clā'vus, i. m. clys'ter, ēris. m. κλυστήρ. coāg'ŭlum, i. n. coccin'eus, a, um. coc'eŭlus, i. m. Diminutive of coccus. coc'cus, i. m. KÓKKOS. cōdei'a, æ. f. κώδεια. col'chicum, i. n. (see p. 168). κολχικόν. colcothar. collo'dium, ii. n. colly'rium, ii. n. colocyn'this, idis. f. κολοκυνθίς, ίδος. cŏlŏphō'nĭa, æ. f. κολοφωνία. oŏlŭ'tĕa, æ. f. κολυτέα. commū'nis, e. compos'itus, a, um. conī'um, i. n. (see p. 175), not co'nfum. κώνειον. contrajer'va, æ. f. copā'iba, æ. f. The Brazilian name of the tree. copaif'era. From copaiba, and fero, I bear. coral'lium, ii. n. κοράλλιον. cordifol'ius, a, um. corian'drum, dri. n. κορίαννον. cor'nu, indecl. in the sing.; cornua, pl. n. cor'tex, icis. double gend. corymbo'sus, a, um. cŏtyle'don, ōnis. f. From κοτύλη, a hollow vessel or cup. creaso'tum. From κρέας, flesh; and σώζω, I save.

cre'mor, ōris. m. crenā'tus, a, um. crē'ta, æ. f. cro'cus, i. m. crotton, onis. f. Κροτών.  $c\bar{u}'$ běba, æ. f.  $\kappa o \mu \beta \epsilon \beta \alpha$ . cŭ'cŭmis, is. m. cucur'bita, æ. f. cucurbit'ŭla, æ. f. cumī'num, i. n. cu'prum, i. n. From κύπρος. cur'cuma, æ. f. cuspa'ria, æ. f. From cuspare or cuspa, South American names. cyan'idus, a, um. From κύανος, a blue substance. cyanogěn'ĭum, ii. n. From κύανος, blue; and γεννάω, 1 produce. cydo'nia, æ. f., the quince tree. κύδωνία. cydo'nĭum, ii. n., the quince, κύδώνιον. cymī'num, i. n. κύμινον. cynan'chum, i. n. From κύων, κυνός, a dog; and äγχω, I strangle. cynos'băton, i. n.; and cynos'bătos, i. m. κυνόσβατον. cype'rus, i. m. κύπείρος. cyt'Isus, i. c. κύτισος; and

daph'nc, es. f. datu'ra, æ. f. dau'cus, i. m. decoe'tum, i. n.

cytisum, n.

ecortică tus, a, um. elphi'n ĭum, ii. n. δελφίνιον. estillā'tus, a, um. From δis. twice doubled. A prefix to the names of some chemical compounds. It signifies that the base is doubled. tăchylon, i. n. Almost universally pronounced diach'ylon, but more correctly diachy'lon. From διά, through; and χυλός, juice. an'thus, i. m. From δίος, divine; and ανθος, a flower. ctam'nus, i. m. gitā'lis, is. f. \_lū'tus, a, nm. os'ma, æ. f. From δίος, divine; and οσμή, smell.

5l'Ichos, i. m. δολίχός.
omes'tIcus, a, um.
ore'ma, æ. f. From
δώρημα, α gift.
orsten'Ia, æ. f. From
Dorsten, the name of a
German botanist.
ryobal'anops, ōpis. f.
ulcămā'ra, æ. f.
licis, e.
irus, a, um.

o'ŭlus, i. f. lū'lis, e. ā'is. f. From ἐλαία, the olive tree. 'ăphus, i. m. ἔλἄφος. ắt'erin, ĕlat'erīnum, i. n.

ĕlătē'rĭum, ii. n. ἐλατήριον (sc. φάρμακον). ēlectŭā'rium, ii. n. ěľemi, indecl. elemif'erus, a, um. el'ephās, antis. m. en'ema, atis. n. ergō'ta, æ. f. ěrí'ca, æ. f. erinā'ceus, a, um. errhī'num, i. n. ἔρρῖνον. erythræ'a, æ. f. esculen'tus, a, um. eucalyp'tus, i. f. From  $\epsilon \hat{v}$ , well; and καλύπτω, I cover (as with a lid). euge'nia, æ. f. euphör'bia, æ. f. The plant which yields euphorbium. euphōr'bium, ii. n. εὐφόρ-BLOV. europæ'us, a, um. excēl'sus, a, um. exsiccā'tus, a, um. extrac'tum, i. n.

fă'ba, æ. f.
fæ'cŭla, æ. f.
far'făra, æ. f.
farī'na, æ. f.
fermen'tum, i. n.
fero'nĭa, æ. f.
ferrū'go, ĭnis. f.
fer'rum, i. n.
fĕr'ŭla, æ. f.
fi'ber, bri. m.
fī'cus, ûs vel i. f.
fĭ'lix, ĭcis, f.
fis'tŭla, æ. f.

flāvus, a, um. flex'īlis, e. florentī'uus, a, um. flos, flō'ris. m. fœnic'ŭlum, i. n. fœ'num, i. n. fœ'tūlus, a, um. fŏ'lium, ii. n. for'tis, e. frax'īnus, i. f. frūmeu'tum, i. n. fū'cus, i. m. fūlī'go, ĭnis. f. fumā'ria, æ. f. fun'gus, i. m.

gălan'ga, æ. f. gal'bănum, i. n. χαλβάνη. galipæ'a vel galipe'a, æ.f. A barbarous uame, derived from Galipons, the French appellation of the Caribs. gal'la, æ.f. gal'licus, a, um. gallī'na, æ. f. gal'lus, i. m. gargăris'ma, atis. n. gelatī'ua, æ. f. gĕuīs'ta, æ. f. geutiā'na, æ. f. glă'ber, bra, brum. glaciā'lis, e. glyceri'uum, i. n. From γλυκυς vel γλυκέρός, sweet. glycyrrhi'za, æ. f. γλυκύρριζα granā'tus, a, um. grā'num, i. n. grātī'ola, æ. f.

grăve'ŏlens, ntis. guaiā'cum, i. n. gum'mi, iudecl. n. gyp'sum, i. n. γύψος.

hæmatox'ylon, i. n. From alμa, blood; and ξυ'λον. wood. hebraden'dron, i. έβραιος, Hebrew; and δένδρον, a tree. hěďera, æ. f. helĕu'ĭum, ii. n. hellěb'ŏrus, i. m. hělo'nĭas, f. From elos, a marsh. hēmides'mus, i. m. ημισυς, half; and δεσμός, a bond. hē'par, ătis, n. hepat'icus, a, um. hermŏdac'tỹlus, i. m. έρμοδάκτυλος. hľ'ěra, æ. f. hirū'do, Inis. f. hor'dĕum, ei. n. hu'mi'dus, a, um. hyber'nus, a, um. hydrar'gyrum, i. n. υδράργύρος. hy'dras, ātis (see p. 178). hydrā'tus, a, um. hydriodas, ātis (see p. 178). hydrochlo'ras, ātis (see p. 178). hydrochlö'rĭcus, a, um. hydrocyan'icus, a, um. hydrogěn'ium, ii. n. From υδωρ, water; and γεννάω,

I beget.

h lydrosul'phas, ātis (see p 178). hyoscy'ămus, i. m. ὑοσκύἄμος. hyper'ĭcum, i. n.

ıyssö'pus, i. m.

chthyŏcol'la, æ. f. ιχθυόκολλα. lex,  $\bar{i}$ llic'ium, ii. n. mpū'rus, a, um. n'dĭcus, a, um. infecto'rĭus, a, um. nflā'tus, a, um. i nfū'sum, i. n. nject'io, onis. f. i n'tybus, i. m. i n'ŭla, æ. f. ō'dĭdum, i. n.  $\bar{o}'$ dum, i. n. From i wons, violet colour. pecacuan'ha, æ. f. Ipé-caágoéne, a Brazilian word. pomæ'a, æ. f. ris, is vel Idis. f. sā'tis, ĭdis. f.

Alā'pa, æ. f. From Xalápa, the name of a province in South America.
anī'pha, æ. f. From Janipāba, a Brazilian word.
at'rŏpha, (iat'rŏpha), æ. f.
From ιατρον, α remedy; and φαγείν, to eat.
üjū'ba, æ. f.

slan'dicus, a, um.

junĭp'ĕrus, i. f. jus'cŭlum, i. n. Broth, gruel.

kā'li, indecl. *n.* ki'no, indecl. *n.* krame'rĭa, æ. *f.* 

lach'ryma, æ. f. lactū'ca, æ. f. lactucā'rĭum, ii. n. lā'dănum, i. vel Lab'dănum. lăm'ĭum, i. n. lanceola'tus, a, um. lancifo'lius, a, um. langs'dorf, fii. m. lăp'ăthum, i. n. lăth'yris. λάθυρος. lauda'num, i. Commonly pronounced laud'ănum. laurě'ŏla, æ. f. lau'rus, ûs vel i. f. lăvan'dŭla, æ. f: lĕgū'men, ĭnis. n. lentis'cus, i. f. leon'todon, i. m. From  $\lambda \epsilon \omega \nu$ , a lion; and οδούς, a tooth. lī'chen, ēnis. m. lig'num, i. n. lī'lĭum, i. n. lī'māx, ācis. f. limet'ta, æ. f.  $\lim \bar{o}'$ nes, um. m., lemons. limo'num, i. n., the lemon tree.  $l\bar{\imath}'$ num, i. n. liquidam'bar. n. li'qu'idus, a, um. ll'quor,  $\bar{o}$ ris. m.

lithar'gyrum, i. n. λἴθάργύρος. lit'mus, i. m. lobe'lĭa, æ. f. lö'lĭum, ii. n. lon'gus, a, um. lumbrī'cus, i. m. lŭpī'nus, i. m. lŭ'pŭlus, i. m. lūtě'ŏlus, a, um. lū'těus, a, um, golden-yellow. lŭ'teus, a, um, made of clay. lyc'ius, a, um. lýcopod'inm, ii. n. λυκοπόδιον. lyth'rum, i. n. From λύθρον, gore. lyt'ta, æ. f.

ma'eis, macidis. f.; ma'eis, is. m., mace. macroceph'alus, a, um. From μακρός, long; and κεφαλή, the head. maculā'tus, a, um. magistē'r ĭum, ii. n. mag'nēs, čtis, m. From μάγνης. magnē'sla, æ. f. magnē'sĭum, ii. n. magnēt/Icus, a, um. magnō'lĭa, æ.f. mājōrā'na, æ. f. malague'ta, æ. From Malaguette, the Portuguese name for a country in Africa. malicor'Ium, ii. n. mal'va, æ.f.

mandrăg'ora, æ. f. manganē's Ium, ii. n. man'na, æ. f. maran'ta, æ. f. marilan'dicus, a, um. marit'imus, a, um. mar'mor, ŏris. n. marrub'Ium, ii. n. mars, mar'tis. m. mas, mă'ris. m. mas'tiche, es. f. matricā'rĭa, æ.f. mccō'n ĭcus, a, um. μηκωνικός. mēco'nina, f. From μήκων, α ρορρу; μηκώνιον, ορίυπ. medicinā'lis, e. med'icus, a, um. mel, mel'lis, n. mělaleu'ca, æ. f. From μέλας, black; and heuko's, white. mělampŏd'ĭum. μελαμπόδιον. mellifficus, a, um.  $m\bar{e}'$ lo,  $\bar{o}$ nis. m. mēnisper'mum, i. n: From μήνη, the moon; and σπέρμα, seed. men'tha, æ. f. mēnyanth'es, f. From  $\mu \dot{\eta} \nu \eta$ , the moon; and ävθos, a flower. merc ŭr lā'lis, lis. f. meze'reum, ei. n. mīca, æ. f. millep'ěda, æ. f.

mindere'rus, i. m.

min'ium, ii. n.

mi'rus, a, um.

mi'nor, us.

mor'dica, æ. f. rphī'na, æ. f. From Morbheus, the god of sleep. rum, i. n., a mulberry. rus, i. f., a mulberry tree. scha'tus, a, um. schif'ěrus, a, um. s'chus, i. m. cilā'go, Inis. f. cu'na, æ. f. 'rĭas, ātis. f. (see p. 178) riat'Icus, a, um. ris'tIca, æ.f. ris'tIcus, a, um. rösper'mum, i. n. From νύρον, perfume; and πέρμα, seed. rox'ylon, i. n. From υύρον, perfume; and ύλον, ποοιί. rer'ha, æ.f. tus, i.f.

el'lus, i. m.
hrō'd'um. ii. n. From
εφρός, α kidney.
tiā'na, æ. f.
er, gra, grum.
rras, ātis (see p. 178).
r'Icus, a, um.
r'um, ri. n. νίτρον.
tilis, e.
tuncis. f.
tunka'a, æ. f.

ngifō'lYus, a, um. 'å'tus, a, um. lus, i. m.

òffici'na, æ. f. ŏľéa, æ. f.  $\delta$ l'ěum, ei. n. ŏlìb'ănum, i. n. ŏlī'va, æ. f. ŏ'pĭum, ii. n. From oπos, juice. opobal'sămum, i. n. opop'anax, acis. m. From òπός, juice; and πάναξ, the plant which yields it. or'chis, is vel ios. f. opxis. orig'ănum, i. n. or'nus, i. f. os'trěa, æ. f. ovā'tus, a, um. ŏ'vis, is. f.  $\bar{o}'$ vum, i. n. oxăl'ĭcus, a, um. ox'ălis, ĭdis. f. ὀξάλίς. ox'Idum, i. n. oxygen'ium, ii. n. From όξύς, acid; and γεννάω, I produce. ox'ymel, ĕlis. n. oxysulphurčtum, i. n.

pal'Idus, a, um. palmā'tus, a, um. pā'nax, ācis. m. paniculā'tus, a, um. pāpā'ver, ĕris. n. paregor'īcus, a, um. γορικός. parei'ra, æ. f. pār'ēta'rīa, æ. f. pās'sŭla, æ. f. pastīnā'ca, æ. f. pedunculā'tus, a, um.

pě'po, ŏnis. perfoliā'tus, a, um. peruif'erus, a, um. peruviā'nus, a, um. pětrěl'eum, ei. n. phasiā/nus, i. m. phōs'phas, ātis (see p. 178). phōsphor'ieus, a, um. phos'phorus, i. m. φωσφόρος. physe'ter, eris. m. φυσητήρ. pimen'ta, æ. f. pimpinel'la, æ. f. Altered from bipennula, pi'nus, i vel ûs. f. pi'per, ĕris. n. piperi'tus, a, um. pistā'ehia, æ. f. πιστάκια. pix, pľeis, f. plum'bum, i. n. pŏlyg'ăla, æ. f. pŏlyg'ŏnum, i. From n.  $\pi$ o $\lambda$  $\dot{\nu}$ s, many; and  $\gamma$  $\dot{\nu}$ v $\ddot{\nu}$ , a knee or joint. por'rum, i. n. potas'sa, æ. f. potas'slum, ii. n. potentil'la, æ. f. præeipitā'tus, a, um. præparā'tus, a, um. prāten'sis, e. prū'na, æ. f. prū'nus, i. f. prū'riens, tis. pteroear pus, i. m. πτέρον, a wing; and καρπός, fruit. pulē'glum, ii. n. pul'vis, ĕris. m. pu'niea, æ. f. purpur'eus, a, um.

pūrus, a, um. pўrē'thrum, thri. *n.* pўr'ŏla, æ. *f*.

quas'sia, æ. f. quer'eus, ûs. f. quinī'na, æ. f.

rā'dix, īeis. f.

ru'ta, æ. f.

rāuun'eŭlus, i. m. raph'anus, i. m. papavis. re'eens, tis. reetificătus, a, um. rěsī'na, æ. f. rhabar'bărum, i. n. rham'nus, i. m. rhapon'tleus, a, um. rhe'um, i. n.  $\dot{\rho}\hat{\eta}o\nu$ . rhæ'as, rhæados, f. ροιάς, fluid. rhus, rhŏis. f. riehardso'nia, æ. f. rře'řnus, i. m. roeeel'la, æ.f. ro'sa, æ. f. rosmārī'nus, i. m. ru'ber, bra, brum. rŭb'la, æ. f. rŭ'bus, i. m. ru'mex, ĭeis. f.

sabadil'la, æ. f. (see cebadilla). săbī'na, æ. f. sae'ehărum, i. n. apē'num, i. n. co, indecl. ras. f. ix, Icis. f. vvia, æ. f. ıbū'cus, i. f. dăr'ācha, æ. f. guis, Inis. m. tali'nus, a, um. 'talum, i. n. ton'ica, æ. f.  $\infty$ , ōnis. m. ona'rĭa, æ. f. -sa, æ. f. saparil'la, æ. f. săfras. 'vus, a, um. nmō/nĭa, æ. f. σκἄμωa. The plant. nmō'nĭum, ii. n. The um-resin. la, æ. f. σκίλλα. oa'rĭus, ii. m. i /fa, æ. f. phular'ia, æ. f. i'pŭlus, i. m. Lile, is. n. en, ĭnis. n. ega, æ. f. na, æ. f. ĭa, æ. f. ſcum, i. n. enta'rĭa, æ. f. ā'tus, a, um. limum, i. n.

qui. A prefix to the ames of certain chemical ompounds. It signifies be equivalent and a half. um, i. n.

simaru'ba, æ. f. sinā'pi, indecl. n.  $\sigma(\nu \alpha \pi \iota$ . sinā'pis, is, f. sm'lax, ǎcis. f. so'da, æ. f. so'd'um, ii. n. solā'num, i. n. som'n her, a, um. spar't'hum, ii. n.  $\sigma \pi \alpha \rho \tau \iota \nu$ . spicā'tus, a, um. spige'lia, æ. f. spīr'tus,  $\iota$ s. m.

spon'gia, æ. f.
squil'ia, æ. f.
squil'ia, æ. f.
stan'num, i. n.
staphisa'gria, æ. f.
stib'ium, ii. n.
stramō'n'ium, i. n.

stramō'nĭum, i. n. strŏ'bilus, i. m. strychnī'na, æ. f. strych'nos, i. f.  $\sigma \tau \rho \dot{\nu} \chi \nu \sigma s$ . sty'rax, ăcis. n. The plant.

sty'rax, acis. m. The resin. sub. A prefix to the names of certain chemical compounds. It signifies that the basic constituent is in excess.

su'ber, ĕris. n.
sublimā'tus, a, um.
suc'cīnum, i. n.
suil'lus, a, um.
sul'phas, ātis (see p. 178).
sul'phur, ŭris. n.
sulphurā'tus, a, um.
sulphurē'tum, i. n.

sulphur'ícus, a, um. sulphurō'sus, a, um. sus, su'is. m. and f. svlves'tris nel silves'tris

sylves'tris vel silves'tris, e.

tăbā'cum, i. n. tamarin'dus, i. f. It means, literally, Indian dates. tanace'tum, i. n. from Athanasia. tan'nĭcus, a, um. tărax'ăcum, i. n. tartarā'tus, a, um. tartă'rīcus, a, um. tartarizā'tus, a, um. tar'tărus, i. m. tar'tras, ātis (see p. 178). těn'uis, c. tenuior. těrěbin'thĭnus, a, nm. těrěbin'thus, i. f. ter'ra, æ. f. tcs'ta, æ. f. therľáca, æ. f. thus, ūris. n. tig'lĭum, i. n. tincto'rins, a, um. tinctū'ra, æ. f. toluta'nus, a, nm. tormentil'la, æ. f. toxicoden'dron. From τοξικόν, a poison; and δένδρον,a tree. trăgăcan'tha, æ. f. tri vel tris. A prefix to the names of certain chemical compounds. It signifies that the base is trebled. triand'rus, a, um. trifoliā'tus, a, um. trī'tĭcum, i. n. trochis'cus, i. m. tū'ber, ĕris. n. turpë'thum, i. n.

tussīlā/go, ĭnis. f. tū'tĭa, æ. f.

vălerĭā'na, æ. f. vanil'la, æ. f. vapor, ōris. m. veratrī'na, æ. f. vcrā'trum, ri. n. verbas'cum, i. n. Altered from barbascum. ve'rns, a, um. vesicato'rĭus, a, nm. vī'nifer, vinīf'era, črum. vi'num, i. n. vĭŏ'la, æ. f. vitel'lus, i. m. vitex, Icis. f. vi'tis, is. f. vītrī'ŏlum, i. n. vŏm'icus, a, um. vulgā'ris, e.

ul'mus, i. f. ur'sus, i. m. urti'ca, æ. f. usitātis'sīmus, a, um. us'tus, a, um. ū'va, æ. f.

ze'a, æ. f.
zcdoa'ria, æ. f.
zin'cum, i. n.
zin'giber, eris. n. ζιγγίβερις.
zygophyl'lum, i. n. From
ζὕγόν, a yoke; and φύλλον,
a leaf.

## PART II.

## ABBREVIATED PRESCRIPTIONS.

# CHAPTER I.

## FORMS FOR BLOOD-LETTING.

- .— Detrah. è brach. sang. ad ʒx. statim.
- .-Fiat v. s. ut fluant sang. zv.
- .—Opus est venam cub. secare, ut sang. fluat
- ..—Ad recidiv. præcavend. detrah. sang. p. r. n.
- —Extrah. sang. pleno rivo ad zvj.
- —Emitte sang. 3xvj. saltem, vel ad deliquium.
- —Dimove sang. per saltum, ad ǯx. vel ultra.
- —Detrah. ex arteriâ temp. sang. zvj. quam-
- —Mitt. sang. illicò ex largo vuln. ad ǯx. vel ⊶c æger pallescat vel languescat.

- 10.—Repet. sang. detractio, et localis et generalis.
  - 11.-Iterum fiat v. s. ad defect. animi.
- 12.—Sanguis eodem modo, quo ante, iterum mittendus est, vero ad 3xvj.
- 13.—Pertund. vena brach. et detrah. sang. ad 3xx. vel usque ut liquerit animus.
- 14.—Repet. v. s. ad tres alias vices, ad eandem quantit., tribus diebus sequent., quando dolor et respirandi difficult. suad.
- 15.—Die sequente celebretur iterum v. s. ad eandem quâ antea quantit.
- 16.—Mitt. sang. è brachio ad zxij. quamprımum; ac postea ex venâ jugul. ad zviij.
  - 17.—Sang. denuò mittend. est, ad zx. tantum.
- 18.—Mitt. sang. de novo, et repet. ad animi ferè deliq.
- 19.—Extrah. sang. e brachio; et eodem die post aliquot horas, vel die sequenti, duabus horis post leve prandium, cap. pulv. emetic.
- 20.—Si primæ venæsect. non cedat morbus, tum repet.; et nondum cessante, ad duas alias vices celebret., interpos. semper die uno.
- 21.—Necnon admov. cucurbit. c. ferro nuchæ eap.; mitt. sang. ad §xij.

- 22.—Statim abrad. capill. et applic. cucurb. mentæ nuchæ.
- 23.—Accommod. cucurb. cum ferro sub aurem eris affecti, et mitt. sang. ad ziv.
- 34.—Admov. cucurb. cum scarificat. parti pracis dolen. p. r. n., et exsug. sang. ad žviij.
- 25.—Semel in septimanâ applic. temporibus
- 2.6.—Hirud. xxiv. statim lumb. admov., et indo remotæ sint, cataplasma emoll. applic.
- 77.—Admov. hirud. iij. sing. tem. si adsit dolor
- 8.—Applic. jugul. hirud. iv.; et post flux. lg. applic. empl. lyttæ.
- 9.—Detrah. ex ischio affecto et part. adjacent. cucurbit. cum scarificat. sang. 3vj.
- 0.—Applic. adversum renes hirud. xij. vel arbit. cruent. ut extrah. sang. \( \frac{5}{2} \text{xij.} \)
- 11.—Convulsione redeunte, haud aliter, detrah. 3. per cucurbit. iij.
- 2.—Si dolor perstit. ad latus, mitt. sang. 3xx. ach.
- 3.—Sanguisug. iij. fronti impon.
- 41.—Admov. cucurbit. sicca regioni hepat.

### CHAPTER II.—FORMS FOR BLISTERS, ETC.

- 35.—Adhibe emplast. canthar. tumori in alâ dextrâ per spatium xij. hor. vel donec in vesic. manifestò epidermis elata sit.
- 36.—Applic.abdom.emplast.lyttæsuperalutam satis latam extens.
- 37.—Admov. parti thoracis super. emplast. lyttæ, et post vesicat. applic. cerat. sabin. ut ulcus perpet. fiat. Fluxu cessante utat. sequent.
  - R. Cerat. Sabin. Unguent. Lyttæ p. æ.
- 38.—Admov. tela vesicatoria (ad exemplar) extern. part. guttur.
- 39.—Admov. capiti raso unguent. canthar. usque ad vesicat.
- 40.—Admov. prope cartilag. thyroid. utrinque cmplast. lyttæ.
- 41.—Abrad. capill., et admov. toti capit. sericum vesic.
- 42.—Applic. prope articul. femor. super. emplast. lytt. super quod 3j. pulv. lytt. insperg. est.
- 43.—Si valde urgeat dyspnæa, applic. emplastlyttæ, et fiat ulcus perpet. ope unguent. sabin.

14 Bo	Emplast.	Galban.	co.		3ss
		Resin		•	ξss ξij.

Fiat emplast. super alutam extendend. quo des invol. post pediluv.

- 415.—Impon. nuch. capit. vel suris extern. rplast. lyttæ.
- 16.—Emplast. lyttæ collo impon. quâ dolet.
- 17.—Admov. pannus vesicat. lateri sinist.
- 48.—Adhib. emplast. epispas. satis ampl. et
- râ, Sevo et Adipe simul liquefact. paulo anteaum concresc. Lytt. et Camphor. insperg., atque nia misce ut fiat emplast. epispast. regioni or. applic.
- 0.—Admov. charta vesicat. occipiti. Curet exulcer. unguent. sabin.
- 1.—Nata humor. detract. ab emplast. lyttæ, si postulav. promov.
- 2.—Emplast. ij. vesicat. brach. intern. infra bit. quamprimum impon.
- 63.—Admov. taffeta vesicat. genu, et fluxus tea eliciat. ope unguen. sabin.

54.—Cerat. lytt. part. excor. impon., ut natus humor ab emplast. lyttæ promov.

55.— Ro Pulv. Euphorb.		Эss
Cerat. Sabin.		3j
Emplast. Thuris.		388

Simul bene contrit. sit emplast. scuto pectoris.

56.—Fiat fontic. ex parte vesicat. ope unguent. sabin.

57.—R. Ammon. Hydrochl.		3j
Saponis duri .		3ij
Emplast. plumbi.		ZSS

Emplast. et sapon. simul liqua, et paulo antequam concresc. immisce salem in pulv. tenuem tritum. Extens. super alutam parti affectæ quamprimum applic. et p. r. n. repet.

- 58.—Caput tonderi debet, et emplast. vesicat. circumcirca tegi.
- 59.—Applic. regioni singul. renum emplast. lyttæ parvum (magnitud. nummi semicoronæ).

## CHAPTER III.—FORMS FOR MIXTURES, ETC.

60.—Ro Vin. Aloes .		3ij
Infus. Senn.		žiss
Magnes. Sulph.		ziv

M. Hujus capiat zj horâ 7mâ matut.; et circiter horam x. partem reliq. sumat si opus fuerit.

61.— R <sub>o</sub>	Liquor. Ammon	. Acet			5iiiss
	Vin. Antimon.				3ij
	Tinct. Cardam.	co.		•	zij
	Tinct. Cardam. Aq. Menth. pip.				Ziv .
iat mist.	cujus zij. omni	horæ	quadi	an	te calidè
orb. dura	nte frig.				
62.—R <sub>o</sub>	Tinct. Valer.				oz. 2
etur faj	. subinde, è co	ochl.	magn	. I	nf. Rad.
aler. sylv	vest. sub formâ t	heæ p	arati.		
63.— Ro	Mist. Amygd.				živ –
	Syrup. Scill.				3iij
	Syrup. Scill. Tinct. Opii.				gtt. xl
uod unci	at. sumatur, tuss				
64.—Ro	Inf. Gent. co.				oz. 6
<u> </u>	Magn. Sulph.				oz. 1
ap. coch	l. iij. magna pos	t jent	ac. et	pos	st prand.
65 R	Liq. Amm. Ace	t			zii
00. 1,0	Aq. Menth. viri	d.			žiiiss
	Syr. Croci .				žij
	Syr. Croci . Spirit. Æther. I	Nitr.			3ij
I. Cochl.	ij. magn. secund	l. hori	s sum	ant	. durante
ebre, sæj	oius vel rarius p	oro in	apet.	rat	ione; et
bsente fe	bre Pulv. Cinch	on. ut	ante		
66.—Bo	Fol. Rosæ .				oz. 1
	Aq. fervent.				oz. 8
Stent per	r horam; cola	t. ado	le Su	ccı	Limon.,
Sacch. al.	bi, āā. q. s. <b>a</b> d g	ratam	acerb	it.	dulced.

67.—R. Antim. Tart.				gr. vj
Ag nura	•	•	•	gi. vj
Sym Dhand	•	•	•	31V
Aq. puræ . Syr. Rhœad.	•	•		3j
M. Capiat cochl. minim.	subi	nde,	ad	nauseam
vel vomitum promov.				
68.— P. Sod. Subcarb. Cryst. Tart.				Tiion
Cryst Tant	•	•	•	5 iiss
A a manual	•	•	•	311]
A.q. puræ .				₹ V111
Stent in lagen, bene obtur.	per t	riduv	m.	et deinde
sit in prompt. pro potu cat	thart.		,	
0.0				
69.— R. Sod. Bicarb.	•			3ij
Ferri Sulph.				gr. iii
69.— R. Sod. Bicarb. Ferri Sulph. Magn. Carb. Aq. pure				zi
Ag, nuræ			•	Occ 21
Acid. Sulph. dil.	•	•	•	USS f
To form J	•	:	. •	13x
Infund. primum lagen. aq.,	, dein	imm	it.	salina, et
denique acid. sulph.; illico	obtu	ret. 1	age	ena. et in
loco frigid. servetur.			0-	
70.—R. Decoct. Lichen.	•	•		Oj
Sumat æger pocul. omni bi	horio			
71.—R. Magnes Corb				-:
71.—R. Magnes. Carb. Aq. Menth. sat.	•	•	•	5J
Aq. Mentil, sat.	•	•	•	₹v]
rines. Opii .	•	•	•	3j
M. Sumat cochl. ij. dum f	latus	infes	t.	
<b>T</b> O 0.				

72.—Capiat cochl. ij. ampl. Aq. Menth. pip. omni horâ, donec singult. et nisus ad vomit. cessav.

73.—R. Tinct. Digit. . . . . . . . . . . . . . . . . giij Acidi Hydrocyan. . . . gtt. xx

<ol> <li>Hujus cap. gutt. xx. ter die, ex cyath. a rigid. dosin sensim augend. prout caput a entric. ferre queat.</li> </ol>	aq. ıut
74.—R. Magnes. Carbon	
75.—R. Mist. Ammon	ost
76.—R. Dec. Hord	nt,
77.—R. Sp. Ammon. Arom	ie,

78.— R. Inf. Krameriæ				ξvj	
Tinct. Opii .				3i	
Fiat mist. cujus sumant.	cochl	l. iij.	m	agn.	post
singul. deject. liquid.					
79.—R. Sod. Sulph. ——Phosph. Syr. Rham. Aq. Menth. pip.				Ziss	3
Phosph.	•	•		3j	
Syr. Rham.	•	•		3iv	
Aq. Menth. pip.				zvj	
M. Sumat žj. statim, horas ij. nisi alvus prius r	et re	petat.	d	osis	post
	_			ziss	
80.—R. Tinct. Hyoscyan Pot. Acet				ziv	
Syr. Croci .				zii	
Aq. Anisi .				₹vi	
Fiat mist. cujus sumant. c bis terve in die, vel ut opu	ochl.				nim.
81.—R. Ipecac. Rad. Pu	lv.			ziss	
Pot. Bitart.				3j	
Aq. fervent.				fžiii	SS
Macera per horam integr.,					9
Syr				fzss	
M. Detur 3ss. vel cochl. donec vomit. proritav.	ampl.	. omn	i s	emih	orâ,
82 — R. Tinet Onii				7i	
82.— R. Tinct. Opii . Mist. Cret	•	•	•	DJ Z Wi	
M Can sochl ii magn	omni	· ·	*	5 VJ	03100
M. Cap. cochl. ij. magn. donec leniat. dolor.	omni	quad	rai	ne n	oræ,

88.—B. Mist. A Tinct. C	mygd.		•		ξvj	
Tillet.	Obu	•	•	•	3ss	
M. Cap. cochl. n	nagn. ij.	quai	rtâ q	uâqı	ie ho	orâ, si
tussis increb.						
89.—R. Antim	Tart				~n	:::
89.—R. Antim. Inf. Ser	ann	•	•	•	gr.	11]
An Din	nont	•	•	•	311J	
Aq. Pin	nem.		:	•	317	
M. Repet. cochl. superven. vomit.	ıj. amp vel alvu	l. omi s deje	ni se: e <b>c.</b>	mih	orâ,	donec
90.—B. Tinet. J	[alan				7 177	
Pot Su	Inhat	•	•	•	9 <sub>1</sub> v	
Aa Ma	lphat.	•	•	•	388	
M C 11		•	•		3VJ	
M. Sum. cochl. horæ, donec alv. c	majora opiosè r	ij. espor	omi id.	ni (	luad	rante
91.—R. Cetrar.					07 -	
Ag. frig	id.	•	•	•	Oi .	
Coque ad ǯxij., ste ad libitum.	t ut geie	tur, e	t uta	it. æ	ger (	gelat.
92.—R. Lact. V	ac.				Oi '	
Sinap. S	Sem. cor	itus.			oz. 1	
Coq. simul, donec						
colet. serum, et hu	ijus sum	at. c	yath.	sul	oinde	e
93.— R. Liq. Am	mon. A	cet.			ziv	
Tinet. C	)pii				ZSS	
Tinet. C	th. vir.				J~~ ≯vi	
M Conjet cools	ii inmed	onto		•	2 J	lania
M. Capiat cochl.	ւյ. ութա	eme	paro	xys1	11. ca	loris
n febr. intermitt.						

94.—R. Inf. Sennæ fl. oz. 6
dumat primò, omni quadr. horæ, cochl.; dein ssumpt. vices protrah. ad horam, et ultra pro
uccessu.
95.—R. Dec. Aloës comp fl. oz. 6

95.—R. Dec. Aloës comp. . . fl. oz. 6 (Cap. æger cochl. iij. ampl. p. r. n.; postea augend. minuendovè quant. prout sedes pauciores oluresvè promov.

96.—R. Cret. præp.	•	•	•	3j
Tinct. Opii	•	•	•	3ss
Aq. Cinnam.	•	•	•	ξvj

M. et agitand. phial. dentur cochl. ij. secundâ quâque horâ, serius vel citius ut res postulet, dum vex. ventr. torm. vel vom.

97.—R. Vin. Ipecac. . . . fl. oz. 1

Ro Mist. Amygd. . . . fl. oz. 6 Tinct. Opii . . . fl. drm. 1

M. Cap. cochl. ij. ampl. sub finem vomit.

Fiat mist. cujus sum. æger cochl. ij. urg. ventr. Holor., flatu, nauseâ vel lang.

99.—B. Tinct. Opii .		388
Tinct. Cardamom.		žšs
Syr. Croci .		3iv
Aq. Cinnam		ξvi

M. Capiat cochl. ij. max. post sing. vomit. vel sedes liquid.

100.—R. Dec. Cinchon.		ξvj
Acid. Sulph. dil.	•	3j
Syr. Aurant.	•	3ss

M. Hujus mist. cochl. iv. horis duabus interposit. sumant. ad sudat. diminuen.

101.—B. Tinet. Opii .		388
Confect. Aromat.		3j
Aq. Menth. pip.		3vj

Fiat mist cujus sumant cochl. iij magn post unamquamque sed moll phialâ priùs concuss.

102.—R. Sp. Ammon. arom.	3j
Tinct. Castor	ziij .
Sp. Lavand	
Aq. Piment	ξj

Fiat mist. cujus zij. p. r. n. ingerant. contra lang. et deliq.

103.—B. Inf. Sennæ		fl. oz. 6
Tinct. Jalap.		fl. drm. 6

M. Sumant. cochl. iij. ampla singulis horis, ad plenam alvi solutionem.

104.—Perst. in usu mist. cathart. donec alvus ter quatervè plenè respond.

M. Fiat mist. de quâ subindè cap. 5j. guttatim, ad gulam emolliend. et exspuit. promovend.

Fiat mist. de quâ cap. cochl. j. larg. si pustul.

108.—R. Liq. Ammon. Acet. . 3j
Vin. Antim. PotassioTart. . . . 3j
Aq. Menth. sat. . . 3iv
Syr. Croci . . . 3j

Fiat mist. de quâ cochl. larg. j. secundis vel tertiis horis exhib., sæpiùs rariusvè prout feb. vehement. vel mit. fuerit.

Fiat mist. de quâ cap. cochl. j. vel cochl. ij. in lang. vel sudor. frigid. vel frig. paroxysm.

110.— B. Potass. Bitart.			ξį
Ol. Limon.	•		gtt. xv
Sacch. purif.	•	•	žij
Aquæ bullientis	•	•	Oij

M. Usurpet. pro potu commun. ubi æger intenså siti vexat.

111.— R. Pulv. Jalap		•	3j
Zingib	•		gr. xx
Magn. Sulph.	•	•	зj
Aq. puræ .	•		₹vj

M. Cochl. j. sing. horis exhibeat. quâque vice phial. agitand. ut permisceatur pulv.

112.—B. Cort. Cinch		žiss
Magn. Sulphat.		žij
Aq. puræ .		Öij

Coque per sextam part. horæ in vase leviter clauso, et liquor. adhuc calent. cola; sub finem adde Syrup. Absinth. zij. Tertiâ vel quartâ quâque horâ cyath. j. exhib. intermissionis temp.

113.— B	Inf. (	Chirett.	•	ξvj
	Magn	. Sulph.		ξij

M. Usurp. ad zij. bis vel ter in die, longè à pastu et maximè jejun. ventric.

114.—Ro	Decoct.	Hord	ł.		Oss
	Nitr. pu				388

M. Duabus vel tribus exhib. vic. ij. horarum interv.

115.—R. Sp. Ammon. arom.	3ij
Liq. Ammon. Acet.	₹iv
Tinct. Opii	žj
Aq. Piment	₹iv

et divid. in haust. iv. quorum j. usurp. potest, puls. languescat vel pustul. subsid.

116.— Po Tinct. Opii .			5j
Syr. Croci .			3j
Tinct. Cardamom.	•	•	3ij
Aq. Cinnam			₹vj

. Cochl. j. exhib. dosisque iteretur, prout urg. orb.

117.—R. Liq. Ammon. Acet.	ξij
Tinct. Opii	
Vin. Antim. Potassio-	Os
Tart	3i
Aq. Menth. sat	₹ij

et in iij. vel iv. dos. divide, quarum j. omni horio in insult. remiss. sumend.

118.—R. Vin. Colch.		3ij
Tinct. Jalap.		3j
Inf. Sen.		₹ij

Ista dos. in ij. part. dividi potest, quarum mane, alt. sero exhib.

119.—Æther. cochl. min. urgent. flatu in Aq. enth. pip. sumend.

210	ABBREVIATED PRES	CRIPT	IONS	•	
120	R. Decoct. Cinch. Tinct. Myrrh.			žij žss	
	Acid. Hydrochl.			q. s.	
ad grat.	acerb. reddend.				
121.–	-R. Tinct. Sennæ Tinct. Jalap.	•	•	3j	
	Aq. Piment			žij	
M. Ca reliq. es	p. dimid. stat. et ser st.	miho	râ e	lapsâ	quod
122	-Prætermit. mist. sal	lin.			
	-Cap. Tinct. Opii gtt mni 3tiâ horê perst.				nni, et

124.—R. Tinct. Castor. . . Tinct. Serpent. . . Aq. Piment. .

Cap. cochl. modicum 4tis horis, aggredient. M. feb.

125.—R <sub>e</sub>	Inf. S	Sennæ		ǯij
		. Sulph.		3j

M. Ex hâc mist. primo die cochl. j., alt. die duo, et sic deinceps, propinent.

126.— R. Sarsap. Rad. Zingib. Rad. contus. āā. 3ss Sassaf. Rad. concis.

Coque leni igne in Aquæ Font. Oiv., ad dimid.

onsumpt. ut fiat decoct. cujus bibat f\( \) viij. modice epefac. post bolum, et mane repet. in lecto ad iaphores. ciend.

127 B. Acid. Sulph.	dil.		3ss
Syr. Rhœad.			<b>ž</b> ij
Tinct. Card.			3ij

"iat mist. cujus sum. cochl. min. sext. horis, in uovis vehic. grat.

128.—R. Sp. Ammon. arom.		3j
Tinct. Card	•	3ij
Tinct. Castor.	•	3j
Aq. Puleg		ξiv

um. oppriment. lang. cochl. ampl. ij.

129 Ro	Tinct. Castor.		
	Tinct. Myrrh. ā.	ā.	3j
	Mist. Amygd.		ξvj
	Syr. Croci .		-ăi

Sum. cochl. iv. ampl. manè, merid. et horâ comni, ad biduum vel triduum; quo elaps. et uno entum die interject. sum. potion. emet. sequent. nanè superbibend. Inf. Flor. Anthem. q. s. ad comitiones quater aut quinquies proritand. cum ebito regimine.

130B. Vin. Ipecac.	•	fl. oz. 1
Antim. Tart	 •	gr. ij

II. et fiat potio.

131.— Ŗ	Sod. Tart.				3ss
	Tinct. Rhei				3ss
	Sod. Tart. Tinct. Rhei Syr. comm.				3ij
	Aq. Piment.				₹vj
Fiat mist.	Aq. Piment. cujus cap. æg	er co	chl. ii	j. 1	nagn. omni
bihorio do:	nec alvus pur	getur.			ŭ
132.—B	Aq. Pluv.				₹ij
•	Antim. Tart.				gr. iij
Solve; hu	jus danda sun				
	rant. donec vo				
133.— B	Inf. Sennæ				ξvj
· ·	Tinct. Senna	9			₹SS
	Magn. Sulph				žj
Fiat mist.	cujus cap. æ	ger c	ochl.	ij.	magn. bis
	râ, donec adsi				
134 — R	Catech.				700
101, 1,0	Ag nur	•	•	•	5°°° ≉xii
Coune ad 3	Aq. pur. yj.; stent don	ec fæ		ihe	id liquoris
part. limpi	d. cautè effun	d.	ocs st	wa.	id. Iiquoris,
135.—B	Decoct. Aloës	3			fl. oz. 6
	Sod. Sulph.				OZ. SS
Fiat mist.	cujus sum.	æger	coc	hl.	ii. ordin.
	âque horâ, do				
	_			_	
100.—196	Acid. Nitric.	un.	•	•	oj Zvij
	Aq. destill.	•	•	•	3A1J
Figt mict	Syr. Aurant. quotidie sum	ond	one	+,,1	ziss
partitis hau	quomaie sum	iena.	ope	uu	ouii vitrei,
partitus nau	150.				

137.—Cap. æger 3ss. Inf. Sennæ pro dos. e yath. parv. Decoct. Hord.

138.—Cap. æger cyath. vinos. parv. Inf. Hentian. secundâ quâque horâ.

I. Sumant. cochl. iij. magn. post unamquamque ed. moll., vitro prius concusso.

l'iat mist. de quâ cap. æger cochl. j. ampl. bis

1. Bibat cochl. iij. subindè, urgent. strangur. ut in lang.

143.—Repet. mist. p. r. n. si opus erit, ad vom. edand.

		3ij
Tinct. Castor		<b>Z</b> ij
Syr. Rhœad	•	3j
Ag. pur.		₹iv

M. Sum. 3ij. omni horâ, si non dormiat.

146.—R. Magn. Subcarb.	•	3ss
Tinct. Gentian.		ziij
Syr. Aurant		3iv
Aq. Piment	•	ξiv

M. Cap. eger, acid. infestant., cochl. ampl. j. vel alt. e poculo jus. bovini.

Coque ad oct. ij., dein liquori colato adde Sacchalb. quod satis est, et ad us. serv.

148.—- Ro	Inf.	Sennæ		ξvj
	Sod.	Sulph.		388
	Syr.	Rhamni		3ij

Fiat mist. Detur imprimis zj. et interpos. tribus vel quatuor hor. cochlear. exhib. si fuerit opus, et post ij. alias horas repet. dos. si alvus antea non mov.

## CHAP. IV.—FORMS FOR DRAUGHTS.

umend.

liat haust quem æger sum tribus ante prand. oris.

151.—B. Inf. Sennæ . . . 3j Sum. p. r. n. postea augend. minuend. quant. rout sedes pauc. pluresvé prom.

152.—R. Sp. Æther. Nitr. . gtt. xx Liq. Ammon. Acet. . fl. drm. 1 Aq. Menth. . . fl. oz. 1

Piat mist. salin. cujus cap. cochl. parv. omni norâ cursu noct.

153.— В. Pot. Carb. . . Эј Aq. dest. . . 3x Aq. Cinnam. . 3ijSyr: . . .

VI. Fiat haust cui temp capiend adde Succi Limon, recent. cochl. magn. j. et in efferv. sum.

M. ut fiat haust statim sumend et rep. post horas ij., si non antea ventriculus emet rejecerit, vel si alvus non laxata fuerit.

155.—R. Tinet. Lavand. co. . 3j Mist. Camph. . . 3ij

M. et fiat haust. sextâ quâque horâ sumend. si aderit vel spasma vel pulsûs languor.

156. — Perst. in usu haust. nocturn. heri præscript.

157.—Sit in promptu haust. cum Vin. Colch. 3j., horâ somni sumend. si redintegraverit malum arthritic., vel invaluerint vigiliæ inter noctem.

158.—Rep. porrò haust. inter noctem cum Tinct. Opii, si vigiliæ invaluerint, vel increbuerit tussis.

159.—R. Acid. Nitric. dil. . 3ss Sp. Æther. Nitr. . 3iij Tinct. Hyoscyam. . 3ij Aq. pur. . . Oij Syr. q. s.

ad acorem compescend. et gust. conciliand. Sum. quotidie instar potûs, et bibat quantum sitis exigat.

160.—Sum. ægrotus omni mane, si possit, zviij. lact. asin. pro jent.

161.—Cap. æger haust. cathart. proximâ luce aav. conscend.; et si post navigation. vom. superven. bibat æger spiritûs alicujus paululum 19. commixt.

162.—Ŗ. Pulv. Rad. Ipecac. . gr. x Antim. Tartar. . gr. j Aq. destill. . . fǯiss

M. Fiat haust. horâ nonâ matutinâ sumend. Vomitu supervenient. bibat æger, vicibus repetitis, Inf. Anthem. aliquot cyath. Womitu finito, cap. pulv. sudorif.

Ex his fiat haust summo mane deglutiend. Rep. idem tertio quoque die.

164.— R. Tinct. Opii . . . gtt. xx Syr. cujusvis . . . f3j Mist. Camph. . . fzj

M. Cap. æger haustul. hujusmodi, singulis noctibus, horâ solitâ.

M. Fiat haust. in promptu habend. et urgent. febris paroxysm. sumend.

166.—Sum. æger omni mane guttas ix. Acid. Sulph. dil. ex jure vitulino.

167.— R. Samb. cort. interior. manip. j Incoquatur in Aq. Oij. ad Oj. Decoct. hujus alt. medietas mane, alt. sero quotidie, assumatur, donec æger convalesc.

168.—Sum. Tinct. Opii guttas xx. in vehiculo calido convenient.

M. Fiat haust. emet. Potione copiosâ pur. aq. tepefact. vomitio benè provocetur.

Fiat haust, mane et horâ quartâ pomeridianâ potand.

Fiat secund. art. mist. pro j. dosi quamprimum sumend.

M. fiatque haust. somno deficient. bibend.

M. et fiat mist. de quâ cap. zj. si vel languores vel horrores conting.

- 174.—Cap. Acid. Sulph. dil. guttas x., vel numero sufficientes ad moderatam aciditatem in sing. selibris decoct. hord.
- 175.—Sequent. auror. sum. Ol. Ricini quantum satis sit ad alvum solvend.
- 176.—Sum. æger Vin. Antim. guttas xx. quartâ, quintâ vel sextâ quâque horâ, nauseâ non tamen excitand.

177.— R. Cupri Sulph. . . gr. x Aq. Menth. sat. . 3j Syrupi simpl. . . 3j

Fiat haust. quando venenum in ventriculum receptum est sumend.

178.—Bibat Inf. Sem. Lini ad lib.

(Coque ad Oiss., cola et sign. decoct. quod cap. ut ante.

180.—R. Inf. Quass.		ξj
Tinct. Gentian.		3j
	•	0,1

M. Fiat haust mane iterumque horâ ante prandium, stomacho vacuo, sumend.

181.—R. Syr. Chloral . . . f3j Aq. Chloroform. . . f3jss

M. Fiat haust horâ somni, vel vespert vel serâ nocte sumend.

M. Fiat haust. cum succi limon. cochl. j. ampl. in impetu ipso efferv. sumend.

M. Fiat haust secundis horis sumend donec alv. plene solut sit. Mitte tales iv.

184.—Contin. haust. nuperrimè præscrip.

M. Fiat haust quartâ quâque horâ capiend. Ut effectus sudorif augeatur, adde sing haust Antim. Potassio-Tart. gr.  $\frac{1}{4}$ .

186.—R. Tinct. Castor.		5ss
Serpent		gtt. x
Sp. Ammon. arom.	٠	gtt. xv
Aq. Piment.		₹j

II. Fiat haust si vigilia increb aut dolor capitis edintegr. sumend.

187.—Perdomito symptomate, mane et sero ad ies paucul. contin. usus haust.

188. — Contin. haust. effervescent. sicut

189.—Cochl. j. Tinct. Lavand. comp. per se ropinari possit, bis vel ter durant. paroxysm. orâ dimidiâ vel integrâ interpos.

ımat pocul. (ziv) bis tervè indies.

at haust. navem ingressur. sumend.

Fiat haust cras primo mane sumend et rep. tiis vel quartis horis, ad alvum solvend.

193.—Ro	Mist. Cret.		•	3j
	Syr. Croci		•	5ij

M. Fiat haust. quartâ quâque horâ sumend. donec paroxysmi non discrucient, instilland. alt. vicibus, si diarrhœa adfuerit, Tinct. Opii guttas ij. vel iij.

194.—R. Tinct. Calumb		3ij
Acid. Sulph. dilut.		gtt. xv
Aq. Cinnam.	•	₹į.
Syr. Rhœad.	•	3ij

M. Fiat haust. quartâ quâque horâ sumend. et tempore usûs adde sing., si opus fuerit, ad præcavend. diarrhæam, Tinct. Opii gtt. iij.

195.—B. Inf. Digital	•		<b>z</b> iij
— Gentian. co	•	•	ziv
Syr. Croci .	•	•	3j

M. Fiant haust. vj. Sum. j. 6tis horis, per spatium nychthemeri si vires permit.

196.—R. Inf. Calumb.		žiss
Pot. Hydriod.	•	gr. v
Syr. Aurant.		3ij

M. Fiat haust, meridie et horâ quintâ pomeridianâ sumend, per septim, integram, vel ulterius si opus fuerit.

197.—В	Bals. Cop				3iij
	Mist. Aca	c.		•	3vj
	Liq. Pot.				3iss
	Syr. Aura	int.	•		3ss
	Aq. dest.				živss
. Capia	t cochl. ij.	vel i	ij. qı	ıart.	horis.
198.—R	Bals. Cop	aib.			part. i
	Liq. Pot.				part. i
	Aq. dest.				part. v
odije ner	anodront	horm	o t		

Soque per quadrant. horæ, et tunc adde Sp. Æther. Nitr. . part. j Stet per horas ij. vel iij.

apiat æger, liquoris limpid. supernat., cochl. ned. j. ter die.

is bene subactis terend. adde paulatim q. Menth. virid. zvj. ut fiat emulsio.

200.—R. Calomel. . . . gr. iij Conf. Opiat. . . gr. vj

. ft. bol. statim sumend.

Vesp. nisi prius bis saltem dejec. alv. cap. Ol. Ricin. 3ss. vel q. s. ad alv. solvend.

ly. hisce medicam. liberè solut. incip. sum. tust. sequent.

R. Liq. Amm. Acet. · 3ss 

Feb. die xxiij.

201.—Repet. remedia olim (penult.) præscrip. non noviss. instit.

Si alv. adstrict. fuerit, magnes. vitriol. augeat.

ut alv. satis solut. fuerit.

Mart. ximo.

202.—R. Inf. Senn. ziss.

Mannæ 3ss.

Tinct. Jalap. zj. M. Cap. cochl. larg. j. horâ 3tia quâque, donec sed. tres vel quatuor procur.

R. Lin. Ammon. 3vj.

Ung. Hydr. fort. 3j. M. Ft. linim. cerv. et scapul. omni noct. et mane, manu calid. assiduè applicand., superimpon. pann. lan. eodem imbut. Et post operat. Mist. Senn. ad usum Mist. Antim. in prompt. confug.

Nov. xxivto.

Coq. igne leni ad lbj. Sub fin. coction. addr. Glycyrrh. Rad. cont. 3ij. et cola; cujus cap. coch. iij. ampl. ter quotidie.

Oct. xº.

## CHAPTER V.

## FORMS FOR POWDERS, PILLS.

204.—Prosit forsan dare ægro, lectum ituro, Pulv. Hydrarg. subchlor. gr. v.

M. Fiat pulv. Detur cochl. dimid. pro dos. compore matutin.

M. Dent. gr. xij. ad xxiv., quando alvi ductione opus sit.

Sacch. purif. āā . 3j

Terant. in pulv. Dos. quantum cultri apice capi

208.—R. Hydrarg. subchlor. . 3j Conf. Ros. quantum satis sit.

Contunde in mass. et divide in pil. xxx. Sumatur ... bis indies, ut cieatur ptyalismus modicus.

209.—Augeatur dos. Pulv. Jacob. ver. d gr. vj.

210.—R. Hydrarg. Oxid. rubr. . gr. j Opii tertiam grani part. Caryoph. Ol. . . gtt. j

Fiat pil. horâ somni per hebdom, sumend.

211.—B. Myrrh. Gum. Resin. . 3ss Sacch. puri . . 3ss

Tere simul in pulv. Dos. 3j. ter quatervè indies, è quovis liquore idoneo.

212.—R. Pulv. Opii . . . gr. iij Ext. Glyeyrrh. . . gr. viij

Fiant pil. ij. nocte sumend. ad vicem secund.

M. Fiat pulv. dividend. in iij. part. æquales; quarum prima portio sumatur incipient. primore rigore; seeunda, postridie eâdem horâ; tertia verò tertio die.

214.—R. Conf. Opii . . . . 9j P. r. n. sum. si diarrhœa permaneat.

Fiat massa in pil. xij. dividend.

Cap. summo mane iij. et postea ij., si alvus, horis sex, non satis dejecerit.

fiat bolus, horâ somni sumend. et alt. noctibus repetend. ad ij. vel iij. vices.

M. Fiant pil. xij., quarum cap. j. nocte, quoties calvus fuerit justo adstrictior.

219.—R. Elater. . . . . gr. ss Extr. Colocynth. co. . gr. v Ol. essent. Menth. pip. . gutt. j

In pil. conficiant. cras mane deglutiend. iterumque mane perendino.

220.—Ad nauseam supprimend. bibat æger sp. salicujus paululum aquâ commixt.

221.—R. Cort. Cinch. Pulv. gr. xv. ad zij. (Cap. è cyath. vini generosissimi horæ quadrantis ad horas iv. intervallo, ita ut æger sum. zvj. ad minim., inter ij. paroxysm.

Opt. terant. simul, dein in pulv. viij. æquales

dividant., quorum cap. æger j. omni horæ quadrante, donec adsit catharsis.

223.—Accip. vespere

Jalap. Pulv. . . . gr. xv Hydrarg. subchlor. . . gr. v

Conterant. in molem syrupo simpl. ut fingantur globuli iij. æquales.

fiat massa, in pilulas xxx. dividend., è quibus cap. iij. indies, contra calculos renum.

M. et in pulv. xij. divide, quorum cap. ij. vel iij. ut nccesse sit ad sedes.

227.—R. Pulv. Cinch. . . . 3j Sit pulv. secundis horis, è cyath. lactis, absente paroxysmo, sumend.

228.—Sumant. Pulv. Calumb. gr. x. sing. auror. ex pulte.

229.—Ro	Pulv.	Nitr	. Pot.			
		Pot.	Sulphat.	āā	gr.	xv.

Fiat pulv., in promptu habend., et urgent. rparoxysmo sumend.

230.—B. Pulv. Jalap	3j
Scammon	Э́ј
Hydrarg. subchlor.	gr. xx
Syr. simpl. q. s.	

tut fiat massa, in pil. xx. dividend. è quibus capiant. ij. ad alvum officii immemorem excitand.

231.—B. Pot. Nitr.			•	gr. xx	
Sacch. alb.				<b>Z</b> ij	
Mucilag. Ac	ac.	q. s.	ut fiat	massa,	in
trochisc. xij. distribuen	d.,	quo	rum j.	detinea	tur
sub linguam, donec liqu					

232.— Ŗo	Querc.	Cort		3ss
	Anther	n. Flor.	exsicc.	Эi

Tere simul in pulv., alt. vel tertiis horis, durante apyrexiâ, sumend.

233.—Re	Zinci Sulph.		gr. xij
	Aq. pur.		žiij

umatur tertia pars ter die, augend. dos. si opus sit, et si ferat ventriculus.

234.—R. Ext. Cannab. Ind.. . gr. v Vespere ante somnum sumend.

236.—R. Pulv. Ipecac. . . gr. xxv Antim. Potassio-Tart. . gr. j

Fiat pulv. emet.; è pauxillo alicujus liquoris idonei hauriatur, et vom. mot. superbibant. cyathi aliquot inf. anthem. tepidi.

238.—R. Conf. Rose . . . gr. x Hydrarg. subchlor. . gr. vj

Fiat bolus, horâ somni quâlibet nocte sumend.; mane sequent. post quintam vel sextam assumptionem, bibat potionem purgant. comm.

239.—R. Pil. Aloës cum Myrrh. . 5j Fiant pil. xij., quæ obruantur pulv. glycyrrhiz.

240.—R. Pulv. Digital. . . . gr. iij —— Glycyrrhiz. . . gr. xx

M. In pulv. iij. hæc quant. dividend. est. Partitio fiat exactissima.

241.—R. Extr. Papav. . . . gr. x Fiant pil. ij., quarum cap. j. statim, et alt. post horas iij., si vomitus perstiterit. 242.—Ro Ferri Sesquiox. . . 3vj

IIn vj. partes divid., quarum j. ter de die exhibend. et per plures dies continuand.

243.—R. Pil. Hydrarg. . . gr. x

Fiant pil. ij.

Devoret æger j. bis in die, horâ decimâ et horâ secundâ.

244.—R. Pulv. Scammon. . . . . . . . . . . . gr. x — Rhei . . . . gr. x Hydrarg. subchlorid. . gr. iv

M. Fiat pulv. purg. extemplò in pulpa pomi tosti sumend.

245.—Dentur Rad. Ipecac. in pulv. subtilissimum tritæ gr. iij. vel v. diluculò, sing. vel alt. diebus.

246.—Sumantur Filicis Rad. in pulv. tritæ 3ij.

vel iij. è cyatho Aq. Menth. primo diluculo.

Elapsis duabus horis, devoretur bolus ex Hydrarg. Submur. gr. v. vel vj. et Cambogiæ gr. viij. vel x.; assumpto subindè haustulo Inf. Theæ virid.

cum Mucilag. Acac. tantillo subige in massam, dividendam in pil. sing. gr. iv. pendentes.

248.—R. Antim. Potassio-Tart. . gr. iv Pulv. Fol. Digit. . . gr. x Conf. Rosæ q. s. ut fiat massa

in pilulas xx. dividenda.

Înitio sumat æger pil. j. pro dosi, mane ac nocte, postea ij. dein iij. et denique augeatur dosis quantum fieri potest.

249.—R. Extr. Gentian. . . gr. x Fiat bolus; detur jejuno stomacho.

M. Cap. gr. x. ter die. Dosis sensim augenda est, donec zj. in die sumatur.

251.—Sum. quantum cuspide cultri capi potest, Pulv. Rhei, in cochl. lactis sacch. vel in melle.

252.—Sum. æger 3j. Pulv. Cinch. ante paroxysmum ingredient.

253.—R. Hydrarg. Binox. . . gr. xij Conf. Rosæ q. s.

ut fiant pil. xij. Sumat æger pil. ter in die, donec dentes vacillare incipiant.

Dosis ab initio à pil. j. ad ij. vel iij., semper

dosin augendo.

M. Sum. æger ante tempus redeuntis paroxysmi, ter in septimanâ, huncce pulv. pro dosi.

255.—Sum. ægra, in lecto composita, pil. Opii, uperbibendo Hordei Aq. calid.

nt fiant pil. xx.

Cap., per duas noctes, iv., et intermittat tertiam loctem; et sic pergat donec totum sumpserit.

Misceantur, et fiat pulv. tenuiss. in vij. partes equales separand., quarum j. sing. horis ingeratur.

258.—Rep. pulv. hesterno die præscript. Bodemque modo sumantur.

259.—R. Cret. præp. . . . . . . . . . . . . . . . . gr. vj

M. et fiat pulv. in chartul. ij. æqualiter dividend., quarum cap. j. horis octavis; et temporibus intermediis, si pulsus sit creber et fortis, bib. cochl. ij. mist. seq.

260.—R. Extr. Colocynth. . . . 3j Pulv. Scammon. . . . 3ss

M. Fiant pil. xx., quarum ij. deglutiantur horâ decubitûs; diluculò ut infra,—

R. Inf. Sennæ . . . 3j

261.—R. Hydrarg. subchlor. . . gr. xij Conf. Rosæ . . . q. s.

ut fiant pil. xij., quarum sum. j. post cænam; mane et pomeridie sum. haust. purg.

262.—R. Zinci Sulph. . . . . . . . . . . . . . . . . . gr. xy

Fiat pulv. emet. statim sumend. Finitâ vomitorii operatione, cap. subinde cochl. ij. mist. purg.

Fiat pulv. 4tis horis sumend., ægrå interim conquiescente et caput immotum tenente.

264.—R. Hydrarg. c. Cretâ . gr. x Pulv. Tragacanth. . 9ss

Fiat pulv. statim sumend., et exhibeatur sequenti luce potio purg. comm.

M. Fiat pulv. in pulmento vel in poc. seri lact. vinos. sumend.

M. Fiant pulv. xij., quorum cap. unum quartâ quâque horâ, superbibendo vini cujuslibet haust., incipiend. immediatè post paroxysm., interdicto interim enematum usu.

267.—Ŗ Extr. Hyoscyam. . . 3j Fiant pil. xij., quarum sumatur j. pro re natâ, zub lang. vel singult.

268.—R. Sod. Potassio-Tart. . 3iss Cret. prep. . . . 3ss

M. Fiat pulv. in jus. avenac. tenuissimo sumend.

269.— B. Pil. Aloës c. Myrrh. . zij Fiant pil. xxiv., è quibus ingerantur iij. Inoquoque mane ac nocte.

270.—R. Hydrarg. subchlor. . gr. iv Sacch. . . . gr. vj Pulv. Antim. co. . . gr. ij

Conterant. Sum. vespere in Gelatinâ Ribesiorum.

271.—R. Zinci Sulph. . . . 9j Conf. Cynobasti . . q. s. ad pil. xx. fingend., quæ deaurand. sunt.

272.—R. Cret. præp. . . . . 9j Friat pulv. vel, addend. Syr. Zingib., bolus, ad alvum contrahend., mane sumend.

274.—R. Pulv. Ipecac. . . 9j Fiat pulv. emet., more solito sumend. Operatione emetici peractâ, cap. Pulv. Rhei 9j.

275.— R. Pulv.		•	3j
	Zingib.	•	gr. xx

M. omnia, quæ dividant. in vj. dos. æquales, per vj. dies continuos mane sumend. tribus horis ante pastum.

276.—R. Ol. Croton. . . . gtt. xviij Pulv. Glycyrrhizæ . q. s.

ut fiant pil. xxxvj., quarum exhibeantur ij. horâ decubitûs, quandoque alv. nimis solida fuerit, et augeatur seu minuatur dos. pro ratione effect.

277.—R. Pulv. Opii . . . gr. j Conf. Rosæ . . . gr. iv

Fiat bolus vesp. si perst. diarrhœa vel adsint torm. intestin. capiend.

eorsim ij. permisce. Dosis à 3ss. ad 3vj. mane.

279.—R. Extr. Gentian. . . . 3v In pil. lx. dividend. Dosis j. vel ij. nocte maneque statim post cibum.

## CHAPTER VI.—FORMS FOR LINCTUSES AND ELECTUARIES.

280.—R. Ol. Tereb		3ij
Mel. despum.		žj

4. Fiat linct.

Dosis cochl. parv., nocte et mane, cum haustu ujusvis potûs tenuioris tepefact.

281.—R. Conf. Sennæ . . . živ Sum. ad nucis juglandis magnitud.

l'iat electuarium, exactè invicem miscend.

Syr. Aurant. . . 3vj Ol. Amygd. . . . 3j

II. et fiat linct., in ollâ fictili mittend.

I. Fiat linct., cujus lambat æger pauxillum ubinde.

285.—R. Resin. Guaiac.		3j
Conf. Rosæ.		3j
Syr. Aurant.		0 0

ut fiat electuarium, de quo cap. quant. nucis moschatæ majoris bis indies.

M. et fiat linct.; cap. quant. castaneæ bis in die.

M. et fiat electuarium. Cap. quant. nucis avellan. vel mosch. subinde, vel ter in die paulò ante prandium.

ut fiat electuarium, quod decedente paroxysm. totum capere debet æger, ante access. feb. sequentem.

M. Impon. parvul. assiduò linguæ, ut solutum ibi oblinat et sic lente deglutiatur.

at fiat electuarium debitæ spissitud., cujus mol.

M. et super leni foco sæpius agitando cochl. lign. poque ad mellis spissitud. Hujus oxymellis sum. eger cochl. parvul. ter die.

293.— B. Menth. vir. fol. recent. 3iv Sacch. purif. . 3xij

Fol. mortar. lapid. contunde, tum adjecto sacch. terum contunde, donec corp. sit j.

294.—R. Hujus Conf. . . . Div Fiat bolus, statim sumend. et 3tiis horis repetend. urgente ægritudine ventriculi.

#### CHAPTER VII.

## FORMS FOR EXTERNAL APPLICATIONS.

at madescat panis.

296.—R. Conii Fol. exsicc. . . . 31 Coque ex aq. Oiiss. ad Oij. et cola: panni lanei hocce decoct. calido madefact., deinde expressi, parti affectæ imponantur et sæpius renoventur. 297.—Vespere utatur pediluv. tepido. Hujus ung. affricetur 3j. femoribus inter. ante focum sing. noct. donec ptyalismus cieatur. 299.—Fricetur corpus, horâ decubitûs, aut lanâ vel strigili. 300.- R. Pyreth. Rad. contrit. Mastiches . . Fiant lege artis, ad ignem, masticatoria duo; teneat æger sæpius in ore, et manducet hujusmodi medicament. exspuatque salivam. 301.—Sufflet æger fauces suas cum vapore ex Acid. Sulph. 3ss. cui prius adjunctæ fuerint Chl. Sod. ₹ij. Lento igne liquefac, ut fiat ung. M. Fiat liniment. quocum illinantur partes denudatæ bis quotidie.

304.—Inhaletur pulmonibus Æther. Sulph. vapor ter quotidie.

305.—R. Dauci Rad. . . . q. s.

Coque in aq. ad aptam mollitiem, in pulp. deinde contunde.

306.—B. Liq. Plumbi Acet. dil. Oj. Lintea quadruplicata, hocce liquore frigido madefacta, partibus inflam. applic. et sæpius renov.

307.—Bo	Magn. Sulph.				žj	
	Jur. Aven.				Oss	
	Ol. Olivæ				zss.	vel
	Butyri quant.	jugl	andis	3.		
	, , , ,			1		

! Misce pro enemate statim injiciend.

308.—Exscindatur pars morsa, et postea applicetur vulneri Pot. Fus.

M. Fiat pulv. cujus aliquantillum naribus insuffletur ante decubitum, ad sternut. excitand.

310.—Inungatur hypochondrio sinistro Əj. Ung. Hydrarg. fort. 11â horâ ante meridiem et 4tâ post meridiem indies.

311.— B. Lap. Calamin. . . 3j

Eo conspergantur partes adfectæ, sub quâlibe deligatione.

M. Hujus liq. tepid. quantum cavo capi potest, quotidie bis injiciatur in aurem ægram supinatam, ac detineatur per aliquot minuta, dein aure pronâ rursus emittatur.

315.—Admov. parti adfectæ spong. aquâ calidâ imbuta.

- 316.—Vesica suilla, aq. calidâ ad dimid. repleta, admoveatur lateri dolenti; firmetur ligamine, tum superponatur sacculus arenâ calidissimâ plenus, qui frigescens iterum calefiat, aut ei mox substituatur alius jam calefact. Continuentur hæc donec dolor. remis.
- 317.—Cataplasma calid. irrorat. prius tantillo Sp. Camph. applicetur cum pannis laneis parti adfect. et vesica suilla oleo madefacta detineatur; renov. quolibet trihorio.
- 318.—Admoveatur calidum cataplasma parti affect. cum panno linteo quadruplic.

319.—Въ	Ung.	Hydrarg.	Oxid.	Rubr.	
		Resin			3ss

M. Fiat ung. quo leniter inungatur locus adfect. ac dein tegatur emplast. plumbi, super alut. extens.

M. Super pann. lint. extende, et cuti affect. applica.

321.—Hauriatur vap. calid. ope infundib. in fauces.

M. Fiat ung. Hujus pauxillo inungatur locus umbilici subinde; aut magnit. dimid. juglandis nucis, putamine decerpto, eidem loco adponatur.

M. In languore aut paroxysmo hysterico illinatur naribus, temporibus, etc. hujus linim. paululum.

M. Tantillo hujus liq. lavent. mane et vesperc partes infest.

325.— R. Pulp. Coloc
326.—R. Zinci Oxid
327.—R. Ung. Hydrarg. Nitrat 3j Cerat. Sapon 3ss M. Hujus tantillo illinantur palpebræ omni vespere, cubitum ituro, ope plumæ mollis.
328.—R. Tinct. Canthar
329.—R. Camph
330.—R. Extr. Opii gr. x Tinct. Castor 3j M. et applicetur paululum auri affectæ omni nocte cum gossypio.
331.—R. Linim. Sapon 3j  Tinct. Opii 3j  M. Fiat linim. cum panno laneo faucibus extern. applicand.

9	32	-RoOl.	Amgyd.	•		•	3j	
			iph		•	•	31	
Γ.	pro	linim.	quocum	ta	ngant	ur	papillæ	

M. pro linim. quocum tangantur papillæ ter quaterve in die.

Probe commisc. Indatur nari, ex qua sanguis stillat, turunda ex lint. raso, humect. hoc liq. et relinquend. illic per dies ij.

334.—R. Flor. Samb. . . . thij Coque in Aq. thiv.

Foveant. eo decoct. sæpius in die caput, facies, oculi, aliæque part. erysipel. tentatæ.

M. Fiat linim. quo guttur et postera pars colli perfricanda sunt, donec vesicæ appareant, dein desist. per diem et applica Ung. Cetacei.

ut fiat cataplasm. admov. calidè loco adfecto; renov. quater de die; cum arescat tantillo butyri insuls. emol.

338.—Admov. lintea aq. frigidâ madefact. vel, si fieri possit, glacies, raso capiti.

339.— R. Mic. Panis			lbij
Tinct. Lyt			₹ij
Decoct. Pa	pav. q	. s.	2-1

ut fiat cataplasma. Applica hoc ad cutem per horæ dimid. aut tamdiu donec inflammationem satis magnam excitat. dolor fervid. et rubor partis tumen. testentur.

340.— R. Calamin. Pulv.		ξj
Cret. præp		₹ss

Fiat pulv. Intra linteum consutum applicetur, renovando simul ac maduerit.

M. et fiat suppositorium, post alvum exoneratam applicand.

342.—Foveant. gingiv. Aq. calidâ.

M. Colluantur fauces hoc gargarism.

M. Fiat linim.; hujus pauxillo oblinatur abdom. bis terve quotidie.

345.— R. Magn.	Sulph		•	ξj
Tinct.		•		gtt. xxv
Jusc.				lbss –

Fiat enema. Injic. horâ somni tertiâ quâque noct. ad tres vices, dein repet. alt. noctibus usque ad quart. vicem, si opus sit.

346.—B. Ung. Hydrarg. Nitr. . 3ss —— Cetacei . . . 3j

M. Hujus ung. pauxillum, ope penicilli camel., oculo affecto applic. nocte et mane.

M. diligentissimè, ut fiat pulv., cujus inspergatur pauxillum super mamillas p. r. n.

348.—Admoveatur Extr. Belladon. supercilio et regioni supraorbit. vespere.

Fiat pulv. cujus parum infletur, ope calami, in oculum affect. semel vel bis in die.

350.— B. Rad. Dauci . . . Ibj
Coque in aq. font. q. s. et per setaceum trajice
pulpam, cui adde 3ss. adipis, ut fiat cataplasma
calidè adhibend.

351.—Vespere appropinq., si opus sit, injiciatur clysma heri præscript.

352.—Fiat setaceum ad med. brach.

353.—Foveantur artus cum decoct. Anthem.

Colatura sit pro fotu, qui cum pannis laneis parti affect. admov. mane horis duabus antequam è lecto assurgat, et nocte post decubitum, donec symptoma penitus evanuerit.

Fiat linim. cum quo benè fricentur tempora et detons. caput.

356.—Inhalet sing. noct. in lecto vaporem Aq. calid. cui tempore usûs adde cochl. ij. min. Æther. rect.

357.—Explor. vesica urinar. ope catheteris, et extrahatur urina.

358.—Colluantur os et gingiv. bis terve in die cum Tinct. Myrrh. gtt. xx. in aq. tepid. cyatho.

Fiat pulv. pro fumigatione faucibus intern. omni nocte more solito adhibend.

360.—Fiat font. crure infra vel supra genu.

361.—Instituat.paracentesis abdom. et educ. aq.

362.—Affricetur parti affect. sing. noct. Ung. Hydrarg. fort. magnit. fabæ equinæ, deinde applicetur cataplasma e Liq. Plumbi Acet. dil., Micâ Panis et Farinâ Lini.

Fiat mist. et cum hâc illinantur part. affect. sing. noct. horâ somni prius deters.; vel linteum in eâdem madefiat et per totam noctem gestetur.

364.—Utatur balneo, ad grad. nonagesim. calefacto, bis in septim.

M. Fiant guttæ acoust. bis die applicand.

366.—Utatur æger equit. subinde, si fieri possit.

367.—Mittatur fist. arm.

M. Fiat inject. quæ ex siph. eburn. in urethram injiciatur mane et nocte.

Fiat lotio, nocte cubitum ituro tumoribus applicand. Mitte Ibij. cum directione propriâ.

370.—Fiat fonticulus purul. ad med. brachium ope Pot. fus.

371.—Cautè tangantur clavi Acid. Sulph. ope penicilli, dein tegantur Emplast. Plumbi.

Fiat ung. cujus paululum p. r. n. applicetur, urgente ani prurigine.

M. Fiat linim. quocum fricetur pars affecta ter quatervè indies.

Solve et fiat enema statim injiciend. contra insult. apoplect. vel affectus soporosos adhibend.

375.—Mitte Emplast. Galb. super alutam inducend.

376.—Adhib. lav. frigid. vel tepid. prout ægro gratius erit.

377.—Capilli radant. et caput postea panniculo lotione frigidâ imbut. circumdet.

M. Hoc liquore, ter de die, injiciatur ulcus ope siph.; post sing. inject. materia relinq. intra ulcus et coerc. per dimidium hore, claus. omn. apertur., tumque externè prem. leniter ulcus ut liq. eject. per omn. sinus et meatus propell.

379.—R. Dec. Mal. comp. (c. Fœnic. Semin. cont. 3iij) ¾xiv Ft. enem. statim tepide injiciend.

380.—Injec. Morph. hypoderm. minim. vj. sub cuticul. injiciend.

381.—Inhalet vapor. ex Amyl nitrit. minim. v., urgent. spasm.

## PART III.

# UNABBREVIATED PRESCRIPTIONS, WITH LITERAL TRANSLATIONS:

FORMING

## A KEY TO PART II.

# CHAPTER I.—FORMS FOR BLOOD-LETTING.

- 1.—Detrahatur è brachio sanguis ad uncias decem statim. Let blood be immediately drawn from the arm to ten ounces.
- 2.—Fiat venæsectio, ut fluant sanguinis unciæ quinque. Let venesection be performed, that five ounces of blood may flow.
- 3.—Opus est venam cubiti secare, ut sanguis fluat ad uncias decem. It is necessary to cut a vein of the arm, that blood may flow to ten ounces.
- 4.—Ad recidivum præcavendum, detrahatur sanguis pro re natâ.

To prevent a relapse, let blood be occasionally draum.

- 5.—Extrahatur sanguis pleno rivo, ad uncias sex, quamprimum. Let blood be taken away as soon as possible, in a full stream, to six ounces.
- 6.—Emitte sanguinis uncias sedecim saltem, vel ad deliquium. Take away at least sixteen ounces of blood, or to fainting.
- 7.—Dimove sanguinem, per saltum, ad uncias decem vel ultra.

Remove blood by leaps, to ten ounces or more.

- 8.—Detrahantur ex arteriâ temporali sanguinis unciæ sex, quamprimum. Let six ounces of blood be drawn as soon as possible from the temporal artery.
- 9.—Mittatur sanguis illicò ex largo vulnere ad uncias decem, vel donec æger pallescat vel languescat. Let blood be immediately taken from a large wound (i.e. orifice) to ten ounces, or until the patient becomes pale or faint.
- 10.—Repetatur sanguinis detractio, et localis et generalis. Let the blood-letting, both local and general, be repeated.
- 11.—Iterum fiat venæsectio ad defectionem animi. Let venesection be again performed to fainting.
- 12.—Sanguis eodem modo, quo ante, iterum mittendus est, verò ad uncias sexdenas. Blood is to be again drawn, in the same manner as before, but to sixteen ounces.

- 13.—Pertundatur vena brachii, et detrahatur sanguis ad uncias viginti, vel usque ut liquerit animus. Let a vein of the arm be opened [literally, bored or beat through], and blood be drawn to twenty ounces, or to fainting.
- 14.—Repetatur venæsectio ad tres alias vices ad eandem quantitatem, tribus diebus sequentibus, quando dolor et respirandi difficultas suadeant. Let venesection be repeated to the same quantity, three other times, on the three following days, when the pain and difficulty of breathing require.

15.—Die sequenti celebretur iterum venæsectio ad eandem quâ antea quantitatem.

On the following day let venesection be again

performed, to the same quantity as before.

- 16.—Mittatur sanguis è brachio ad uncias duodecim quamprimum, ac postea ex venâ jugulari ad uncias octo. Let blood be taken from the arm to twelve ounces as soon as possible, and afterwards from the jugular vein to eight ounces.
- 17.—Sanguis denuò mittendus est ad uncias decem tantum.

Blood is to be again taken to ten ounces only.

18.—Mittatur sanguis de novo, et repetatur ad animi ferè deliquium. Let blood be again taken away, and (the operation) repeated almost to fainting.

- 19.—Extrahatur sanguis è brachio; et eodem die post aliquot horas, vel die sequenti duabus horis post leve prandium, capiat pulverem emeticum. Let blood be drawn from the arm; and on the same day, after [i.e. at the expiration of] a few hours, or on the following day, two hours after a light dinner, let the patient take an emetic powder.
- 20.—Si primæ venæsectioni non cedat morbus, tum repetatur; et nondum cessante, ad duas alias vices celebretur, interposito semper die uno. If the disease should not yield to the first bloodletting, then let it be repeated; and not giving way [i.e. if the disease do not then yield], let it [the blood-letting] be again performed twice, one day always intervening [i.e. between the blood-lettings].
- 21.—Necnon admoveantur cucurbitulæ cum ferro nuchæ capitis; mittatur sanguis ad uncias duodecim. Also let the cupping-glasses with the scarificator be applied to the nape of the neck, and let blood be taken away to twelve ounces.
- 22.—Statim abradatur capillitium, et applicentur cucurbitulæ cruentæ nuchæ. Let the hair [of the head] be immediately shaved off, and the bloody cupping-glasses [i.e. the cupping-glasses with the scarificator] be applied to the nape of the neck.

- 23.—Accommodentur cucurbitulæ cum ferro sub aurem lateris affecti, et mittatur sanguis ad uncias quatuor. Let the cupping-glasses with the scarificator be applied under the ear of the affected side, and let the blood be drawn to four ounces.
- 24.—Admoveantur cucurbitulæ cum scarificatione parti thoracis dolenti pro re natâ, et exsugatur sanguis ad uncias octo. Let the cupping-glasses with scarification be occasionally applied to the painful part of the chest, and blood be drawn to eight ounces.
- 25.—Semel in septimanâ applicentur temporibus utrinque hirudines tres. Once a week let three leeches be applied to both temples.
- 26.—Hirudines viginti-quatuor statim lumbis admoveantur, et quando remotæ sint, cataplasma emolliens applicetur. Let twenty-four leeches be immediately applied to the loins, and when they are removed, let an emollient poultice be applied.
- 27.—Admoveantur hirudines tres singulis temporibus, si adsit dolor capitis. Let three leeches be applied to each temple, if there be pain of the head.
- 28.—Applicentur jugulo hirudines quatuor, et post fluxum sanguinis applicetur emplastrum lyttæ. Let four leeches be applied to the fore part of the neck, and after the flux of blood [i.e. when the bleeding has ceased] let a blister be applied.

29.—Detrahantur ex ischio affecto, et partibus adjacentibus, ope cucurbitularum cum scarificatione, sanguinis unciæ sex.

Let six ounces of blood be drawn from the affected ischium and adjacent parts by means of

the cupping-glasses with scarification.

30.—Applicentur adversum renes hirudines duodecim vel cucurbitulæ cruentæ, ut extrahantur

sanguinis unciæ duodecim.

Let twelve leeches, or the bloody cuppingglasses [i.e. the cupping-glasses with the scarificator], be applied opposite the kidneys, that twelve ounces of blood may be extracted.

31.—Convulsione redeunte, haud aliter, detra-

hatur sanguis per cucurbitulas tres.

If the convulsion should return, not otherwise. let blood be drawn by three cupping-glasses.

32 .- Si dolor perstiterit ad latus, mittantur

sanguinis unciæ viginti è brachio.

If the pain should continue at the side, let twenty ounces of blood be taken from the arm.

33.—Sanguisugæ tres fronti imponantur. Let three leeches be applied to the forehead.

34.—Admoveatur cucurbitula sicca regioni hepatis. Let a dry cupping-glass [i.e. the cupping-glass without the scarificator] be applied to the region of the liver.

### CHAPTER II.—FORMS FOR BLISTERS.

35.—Adhibe emplastrum cantharidis tumori in alâ dextrâ, per spatium duodecim horarum, vel donec in vesicam manifestò epidermis elata sit. Apply a plaster of cantharides to the tumour in the right arm-pit, for the space of twelve hours, or until the cuticle is manifestly raised into a blister.

36.—Applicetur abdomini emplastrum lyttæ super alutam satis latam extensum.

Let a plaster of cantharides, spread on leather

sufficiently large, be applied to the belly.

[37.—Admoveatur parti thoracis superiori emplastrum lyttæ, et post vesicationem applicetur ceratum sabinæ, ut ulcus perpetuum fiat. Fluxu cessante utatur sequenti:—

Recipe, Cerati Sabinæ, Unguenti Lyttæ, partes æquales.

Let a plaster of cantharides be applied to the upper part of the chest; and after vesication let savin cerate be applied, that a permanent ulcer may be produced. The discharge ceasing [i.e. when the discharge ceases], let the patient use the following.

38.—Admoveatur tela vesicatoria (ad exemplar) xternæ parti gutturis.

Let a blistering cloth (according to pattern) be applied to the external part of the throat.

39.—Admoveatur capiti raso unguentum can-

tharidis, usque ad vesicationem.

Let the ointment of cantharides be applied to the shaven head, until vesication (is produced).

40.—Admoveatur prope cartilaginem thyroideam utrinque emplastrum lyttæ.

Let a plaster of cantharides be applied on

each side near the thyroid cartilage.

41.—Abradatur capillitium et admoveatur toti capiti sericum vesicans.

Let the hair (of the head) be shaved off, and a

blistering taffeta applied to the whole head.

42. - Applicetur prope articulum femoris supeciorem emplastrum lyttæ, super quod drachma

pulveris lyttæ inspergenda est.

Let a plaster of cantharides, upon which a trachm of the powder of cantharides has been sprinkled, be applied near the upper joint of the high.

43.—Si valde urgeat dyspnœa, applicetur mplastrum lyttæ, et fiat ulcus perpetuum ope inguenti sabinæ.

If the difficulty of breathing be very troubleome, let a plaster of cantharides be applied, and let a permanent ulcor be produced by means of savin ointment.

44.—Recipe, Emplastri Galbani compositi, unciam dimidiam ———— Resinæ, uncias duas

Misce. Fiat emplastrum super alutam extendendum, quo pedes involvantur post pediluvium. Mix. Let a plaster be made to be spread upon leather, in which [i.e. in the plaster] the feet are to be wrapped after the use of the foot-bath.

45.—Imponatur nuchæ capitis, vel suris

externis, emplastrum lyttæ.

Let a plaster of cantharides be applied to the nape of the neck, or to the external [i.e. the superficial] part of the calves (of the legs).

46.—Emplastrum lyttæ collo imponatur quâ

dolet.

Let a plaster of cantharides be applied to the neck, where it is in pain [the painful part of the neck].

47.—Admoveatur pannus vesicatorius lateri sinistro.

Let a blistering cloth be applied to the left side.

48.—Adhibeatur emplastrum epispasticum,

satis amplum et acre, inter scapulas.

Lct a blistering plaster, sufficiently large and pungent, be applied between the shoulders.

49.—Recipe, Lyttarum in pulverem tenuissimum tritarum, drachmam Camphoræ Pulveris, drachmam Ceræ flavæ Sevi præparati, ana, drachmam

Adipis præparati, scrupulos duos

Cerâ, sevo et adipe simul liquefactis, paulo antequam concrescant Lyttas et Camphoram insperge, atque omnia misce ut fiat emplastrum episasticum regioni jecoris applicandum.

The wax, suet, and lard being melted together, prinkle the cantharides and camphor upon them i short time before they concrete, and mix them ill together, that a blistering plaster may be nade, to be applied to the region of the liver.

- 50.—Admoveatur charta vesicatoria occipiti. Curetur pars exulcerata unguento sabine. Let i blistering paper be applied to the occiput. Let the blistered part be dressed with savin ointment.
  - 51.—Nata humoris detractio ab emplastro

yttæ, si res postulaverit, promoveatur.

If it should be required, let the discharge of luid, produced by the plaster of cantharides, be romoted.

52.—Emplastra duo vesicatoria brachiis inernis infra cubitos quamprimum imponantur.

Let two blisters be immediately applied to the nner part of the arms below the elbows.

53.—Admoveatur taffeta vesicatoria genu, et fluxus postea eliciatur ope unguenti sabinæ.

Let a blistering taffeta be applied to the knee, and afterwards let a discharge be excited by means of savin ointment.

- 54.—Ceratum lyttæ partibus excoriatis imponatur, ut natus humor ab emplastro lyttæ promoveatur. Let the cerate of cantharides be applied to the excoriated part, that the fluid produced by the blister may be promoted.
  - 55.—Recipe, Pulveris Euphorbii, scrupulum dimidium
    Cerati Sabinæ, unciam
    Emplastri Thuris, unciam

Emplastri Thuris, unciam dimidiam

Simul bene contritis, sit emplastrum scuto pectoris. Having well incorporated them, let a plaster be made for the defence of the chest.

- 56.—Fiat fonticulus ex parte vesicatorii ope unguenti sabinæ. Let an issue [i.e. discharge] be made from the place of the blister [i.e. from the blistered part] by means of savin ointment.
  - 57.—Recipe, Ammoniæ Hydrochloratis, drachmam Saponis duri, drachmas duas Emplastri Plumbi, unciam dimidiam

Emplastrum et saponem simul liqua, et paulo

antequam concrescant immisce salem in pulverem tenuem tritum. Extensum super alutam parti affectæ quamprimum applicetur, et pro re natâ repetatur. Melt the plaster and soap together, and a little while before they harden, admix the salt rubbed into a fine powder. Let it [i.e. the mixture] be spread on leather, and immediately applied to the part affected.

58.—Caput tonderi debet et emplastro vesicatorio circumcirca tegi.

The head ought to be shaved, and covered

round about with a blistering plaster.

59.—Applicatur regioni singulorum renum emplastrum lyttæ parvum (magnitudinis nummi semicoronæ). Let a small plaster of cantharides (of the size of half-a-crown piece) be applied to the region of the kidneys.

### CHAPTER III. - FORMS FOR MIXTURES.

60.—Recipe, Vini Aloës, drachmas duas Infusi Sennæ, unciam cum semisse Magnesii Sulphatis, drachmas quatuor

Misce. Hujus capiat unciam horâ septimâ matutinâ; et circiter horam decimam, partem reliquam sumat, si opus fuerit. Mix. Of this let the patient take an ounce at seven o'clock in

the morning, and the remainder at ten o'clock, if there be occasion.

61.—Recipe, Liquoris Ammonii Acetatis,
drachmas tres cum semisse
Vini Antimonialis, drachmas
duas

Tincturæ Cardamomi compositæ, drachmas duas

Aquæ Menthæ piperitæ, uncias quatuor

Fiat mistura, cujus unciæ duæ omni horæ quadrante calidè sorbeantur, durante frigore.

Let a mixture be made, of which let two ounces be taken warm every quarter of an hour during the chilliness.

- 62.—Recipe, Tincturæ Valerianæ, uncias duas. Detur fluidrachma una subinde, è cochleari magno Infusi Radicis Valerianæ sylvestris, sub formå theæ parati. Let a fluidrachm be given now and then in a table-spoonful of the infusion of the wild valerian, prepared in the form of tea.
  - 63.—Recipe, Misturæ Amygdalæ, uncias quatuor Syrupi Scillæ, drachmas tres Tincturæ Opii, guttas quadraginta

quod unciatim sumatur, tussi admodum ingravescente. Let this be taken, ounce by ounce [i.e.

in ounce doses], when the cough is very troublesome.

64.—Recipe, Infusi Gentianæ compositi, uncias sex

Magnesii Sulphatis, unciam

Capiat cochlearia tria magna post jentaculum et post prandium quotidie.

Let the patient take daily three table-spoonfuls

after breakfast and dinner.

65.—Recipe, Liquoris' Ammonii Acetatis,
drachmas duas
Aquæ Menthæ viridis, uncias
tres cum semisse
Syrupi Croci, drachmas duas
Spiritûs Ætheris Nitrosi,
drachmas duas

Misce. Cochlearia duo magna secundis horis sumantur, durante febri, sæpius vel rarius pro impetûs ratione: et absente febri, Pulvis Cinchonæ ut antea. Mix. Let two table-spoonfuls be taken every two hours during the fever, more or less frequently according to the violence of the fit [i.e. the ague fit]; and when the fever is absent [let] the powder of cinchona [be taken] as before.

66.—Recipe, Foliorum Rosæ, unciam Aquæ ferventis, uncias octo

Stent per horam; colaturæ adde Succi Limonum, Sacchari albi, ana, quantum sufficit, ad gratam acerbitatem dulcedinemque. Let them stand during an hour; to the strained [liquor] add a sufficient quantity of lemon-juice and white sugar to give an agreeable acidity and sweetness.

67.—Recipe, Antimonii Tartarati, grana sex Aquæ puræ, drachmas quatuor Syrupi Rhæados, drachmam

Misce. Capiat cochleare minimum subinde, ad nauseam vel vomitum promovendum. Mix. Let the patient take a small [i.e. tea-] spoonful from time to time, to promote nausea or vomiting.

68.—Recipe, Sodæ Subcarbonatis, drachmas duas cum semisse Crystallorum Tartari, drachmas tres

Aquæ puræ, uncias octo

Stent in lagenâ bene obturatâ per triduum, et deinde sit in promptu pro potu cathartico.

Let them stand in a well-stoppered bottle for three days, and then be in readiness for a cathartic drink.

69.—Recipe, Sodæ Bicarbonatis, drachmas duas
Ferri Sulphatis, grana tria
Magnesiæ Carbonatis, drachmam
Aquæ puræ, octarium dimidium
Acidi Sulphurici diluti,
fluidrachmas decem.

Infundatur primum lagenæ aqua, dein immittantur

Salina, et denique Acidum Sulphuricum; illico obturetur lagena, et in loco frigido servetur.

First let the water be poured into the bottle, then let the salts be put in, and lastly, the sulphuric acid; let the bottle be immediately stoppered, and kept in a cool place.

70.—Recipe, Decocti Lichenis, octarium. Sumat æger poculum omni bihorio. Let the patient take a cupful every two hours.

71.—Recipe, Magnesiæ Carbonatis, drachmam Aquæ Menthæ sativæ, uncias sex Tincturæ Opii, drachmam

Misce. Sumat cochlearia duo dum flatus infestat. Mix. Let the patient take two spoonfuls when flatulency is troublesome.

72.—Capiat cochlearia duo ampla Aquæ Menthæ piperitæ, omni horâ, donec singultus et nisus ad vomitum cessaverint.

Let the patient take two table spoonfuls of peppermint water every hour, until the hiccup and attempts to vomit shall have ceased.

73.—Recipe, Tincturæ Digitalis, drachmas tres Acidi Hydrocyanici, guttas viginti

Misce. Hujus capiat guttas viginti ter die, e cyatho aquæ frigidæ, dosin sensim augendo, prout caput aut ventriculus ferre queat.

Let the patient take twenty drops of this mixture three times a day in a glass of cold water, the dose to be gradually increased according as the head or the stomach can bear it.

74.—Recipe, Magnesiæ Carbonatis, drachmam Pulveris Rhei, grana quindecim Aquæ Anethi, unciam cum semisse

Misce. Fiat julepum, cujus unum cochleare minimum infantulo lactenti detur secundis horis, phialâ agitatâ. Mix. Let a julep be made, of which let one tea-spoonful be given to the sucking infant every two hours, the bottle being shaken.

75.—Recipe, Misturæ Ammoniaci, uncias sex Tincturæ Opii, drachmam

Misce. Capiat cochlearia duo magna statim; iterentur post horam, si tussis accreverit.

Let the patient take two table-spoonfuls immediately; let them be repeated in an hour if the cough should increase.

76.—Recipe, Decocti Hordei, uncias decem Olei Olivæ, uncias duas Mucilaginis Acaciæ, unciam

Tere oleum cum mucilagine donec probè coiverint, tum sensim adde decoctum, ut fiat enema. Interdum addere liceat Magnesii Sulphatis unciam. Rub the oil with the mucilage until they are well combined, then gradually add the decoction, that an enema may be made. Sometimes we may add an ounce of sulphate of magnesia.

77.—Recipe, Spiritûs Ammoniæ Aromatici,
drachmam
Tincturæ Asafætidæ, unciam
dimidiam
Syrupi Croci, unciam dimidiam
Aquæ Cinnamomi, unciam

Misce. Exhibe cochleare parvum ter quaterve de die, vel sæpius, urgente convulsione vel spasmo. Mix. Give a tea-spoonful three or four times a day, or oftener, if the convulsion or spasm should be troublesome.

## 78.—Recipe, Infusi Krameriæ, uncias sex Tincturæ Opii, drachmam

Fiat mistura, cujus sumantur cochlearia tria magna post singulas dejectiones liquidas.

Let a mixture be made, of which let three tablespoonfuls be taken after every liquid evacuation.

## 79.—Recipe, Sodii Sulphatis, unciam cum semisse

Sodii Phosphatis, unciam SyrupiRhamni,drachmasquatuor Aquæ Menthæ piperitæ, uncias sex

Misce. Sumat unciam statim, et repetatur dosis post horas duas nisi alvus prius responderit. Mix. Let the patient take two table-spoonfuls immediately, and let the dose be repeated in two hours, unless the bowels be previously relieved.

80.—Recipe, Tincturæ Hyoscyami, drachmam cum semisse

Potassii Acetatis, drachmas quatuor

Syrupi Croci, drachmas duas Aquæ Anisi, uncias sex

Fiat mistura, cujus sumantur cochlearia 1 10 vel tria minima bis terve in die, vel ut opus sit. Let a mixture be made, of which let two or three tea spoonfuls be taken twice or thrice a day, or as there may be occasion.

81.—Recipe, Ipecacuanhæ Radicis Pulveris,
drachmam cum semisse
Potassæ Bitartratis, drachmam
Aquæ ferventis, fluiduncias tres
cum semisse

Macera per horam integram, dein cola et adjice Syrupi, fluidunciam dimidiam

Misce. Detur semiuncia vel cochleare amplum omni semihorâ, donec vomitum proritaverit. Macerate during an hour, then strain, and add half an ounce of syrup. Mix. Let half an ounce, or a table-spoonful, be given every half-hour, until it shall have produced vomiting.

82.—Recipe, Tincture Opii, drachmam Misture Crete, uncias sex

Misce. Capiat cochlearia duo magna omni quadrante horæ donec leniatur dolor.

Mix. Let the patient take two table-spoonfuls

every quarter of an hour until the pain is alleviated.

83.—Recipe, Decocti Aloës compositi, uncias quatuor Sodii Sulphatis, unciam cum semisse

Misce. Cochlearia duo ampla intermissionis tempore sumantur, ita ut purgatio ex toto cessaverit ante accessum paroxysmi.

Mix. Let two table-spoonfuls be taken in the time of intermission, so that the purgation shall have entirely ceased before the accession of the paroxysm.

84.—Recipe, Sodæ Tartaratæ, uncias duas Aquæ Menthæ sativæ, uncias octo Misce. Capiat cochlearia duo ampla omni bihorio,

ad sedes promovendas.

Mix. Let the patient take two table-spoonfuls every two hours to promote stools.

85.—Recipe, Plumbi Acetatis, grana quatuor Aquæ destillatæ, uncias quatuor Syrupi Papaveris, drachmas tres

Misce. Capiat cochleare amplum mane quotidie; repetatur dosis ad tres vices, et deinde capiat æger

haustum aliquem purgantem.

Mix. Let the patient take one table-spoonful daily in the morning; let the dose be repeated three other times, and then let the patient take some purging draught.

86.—Recipe, Magnesii Sulphatis, unciam cum semisse

Acidi Sulphurici diluti, drachmam cum semisse

Aquæ Menthæ piperitæ, uncias

Syrupi Rhœados, drachmas duas

Misce. Hujus misturæ sumantur cochlearia quatuor omnibus tribus horis, donec venter rite solutus fuerit.

Mix. Of this mixture let two table-spoonfuls be taken every three hours, until the bowels [the belly] shall have been thoroughly opened.

87.—Recipe, Infusi Sennæ, unciam Magnesii Sulphatis, semiunciam

Misce. Capiat quartâ quâque die.

Mix. Let the patient take (it) every fourth day.

Recipe, Tincturæ Valerianæ, drachmas duas Spiritûs Ammoniæ fætidi, drachmas duas Aquæ puræ, uncias duas

Misce. Capiat cochlearia magna duo in languori-

bus, præcipue diebus purgationi deditis.

Mix. Let the patient take two table-spoonfuls in languors, especially on the days appropriated to the purgation.

88.—Recipe, Misturæ Amygdalæ, uncias sex Tincturæ Opii, semidrachmam

Misce. Capiat cochlearia magna duo quartâ

quâque horâ si tussis increbuerit.

Mix. Let the patient take two table-spoonfuls. every fourth hour if the cough should occur frequently.

89.—Recipe, Antimonii Tartarati, grana tria Infusi Sennæ, uncias tres Aquæ Pimentæ, uncias quatuor

Misce. Repetantur cochlearia duo ampla omni semihorâ, donec supervenerit vomitus vel alvus dejecerit. Mix. Let two table-spoonfuls be repeated every half-hour until vomiting comes on, or until the bowels shall have acted.

90.—Recipe, Tincturæ Jalapæ, drachmas quatuor.

Potassii Sulphatis, unciam dimidiam

Aquæ Menthæ, uncias sex

lisce. Sumat cochlearia majora duo omni quarante horæ, donec alvus copiosè responderit. lix. Let the patient take two table-spoonfuls very quarter of an hour, until the bowels shall ave acted sufficiently.

91.—Recipe, Cetrariæ Islandicæ, unciam Aquæ frigidæ, octarium

oque ad uncias duodenas; stet ut geletur, et

utatur æger gelatinâ ad libitum. Boil to twelve ounces; let it stand that it may congeal, and let the patient use the jelly at pleasure.

92.—Recipe, Lactis Vaccini, octarium Sinapis Seminum contusorum, unciam

Coquantur simul, donec pars casearia in coagulum abierit, deinde coletur serum, et hujus sumatur

cyathus subinde.

Let them be boiled together, until the caseous part [caseum or curd] be changed into a coagulum [i.e. be coagulated]; then let the whey be strained, and a wine-glassful of it be taken now and then.

93.—Recipe, Liquoris Ammonii Acetatis drachmas quatuor Tincturæ Opii, drachmam dimidiam

Aquæ Menthæ viridis, uncias sex Misce. Capiat cochlearia duo, invadente par-

Misce. Capiat cochlearia duo, invadente par oxysmo caloris, in febribus intermittentibus.

Let the patient take two table-spoonfuls during the paroxysm of heat (i.e. the hot stage) in intermittent fevers.

94.—Recipe, Infusi Sennæ, fluiduncias sex. Sumat primò, omni quadrante horæ, cochleare; dein assumptionis vices protrahantur ad horam, et ultra pro successu. Let the patient take, at first, one spoonful every quarter of an hour; then

let the time of taking be protracted to an hour, and afterwards according to the effect.

95.—Recipe, Decocti Aloës compositi, fluiduncias sex. Capiat æger cochlearia tria ampla prore natâ; postea augendo minuendove quantitatem, prout sedes pauciores pluresve promoverit.

Let the patient take three table-spoonfuls oeeasionally; afterwards increasing or diminishing the quantity, according as it may have

exeited fewer or more stools.

96.—Recipe, Cretæ præparatæ, drachmam Tincturæ Opii, drachmam dimidiam

Aquæ Cinnamomi, uncias sex

Misce, et agitando phialam, dentur cochlearia duo secundâ quâque horâ, serius vel citius ut res postulet, dum vexant ventriculi tormina vel vomitus. Mix, and, shaking the phial, let two table-spoonfuls be given every second hour, later or sooner, as circumstances may require, as long as the gripings or vomitings trouble.

97.—Recipe, Vini Ipecacuanhæ, fluidunciam. lFiat haustus statim sumendus.

Let a draught be made, to be taken immediately.

Recipe, Misturæ Amygdalæ, fluiduncias sex Tincturæ Opii, fluidrachmam

Wisce. Capiat cochlearia duo ampla sub finem

vomitionis. Let the patient take two tablespoonfuls towards the end of the vomiting.

Fiat mistura, cujus sumat æger cochlearia duo, urgente ventriculi dolore, flatu, nauscâ vel languore. Let a mixture be made, of which let the patient take two table-spoonfuls, the pain of the stomach, flatulence, nausca, or languor being troublesome.

Misce. Capiat cochlearia duo maxima post singulas vomitiones vel sedes liquidas.

Mix. Let the patient take two table-spoonfuls

after each vomiting or liquid stool.

100.—Recipe, Decocti Cinchonæ, uncias sex Acidi Sulphurici diluti, drachmam Syrupi Aurantiorum, unciam dimidiam

Miscc. Hujus misturæ cochlearia quatuor, horis

duabus interpositis, sumantur, ad sudationes diminuendas.

Mix. Of this mixture let four table-spoonfuls be taken every two hours, to diminish sweating.

101.—Recipe, Tincturæ Opii, drachmam dimidiam Confectionis aromaticæ, drachmam

Aquæ Menthæ piperitæ, uncias sex

Fiat mistura, cujus sumantur cochlearia tria magna post unamquamque sedem mollem, phialâ prius concussâ. Let a mixture be made, of which let three table-spoonfuls be taken after every liquid evacuation, the phial being first shaken.

102.—Recipe, Spiritûs Ammoniæ aromatici, drachmam

Tincturæ Castorei, drachmas

Spiritûs Lavandulæ, drachmas duas

Aquæ Pimentæ, unciam

Fiat mistura, cujus drachmæ duæ, pro re natâ, ingerantur, contra languorem et deliquium.

Let a mixture be made, of which let two drachms (i.e. two tea-spoonfuls) be taken oceasionally, against languor and fainting.

103.—Recipe, Infusi Sennæ, fluiduncias sex Tincturæ Jalapæ, fluidrachmas sex

Misce. Sumantur cochlearia tria ampla, singulis

horis, ad plenam alvi solutionem.

Let three table-spoonfuls be taken every hour, to produce copious evacuation of the bowels.

104.—Perstet in usu misturæ catharticæ, donec alvus ter quaterve plenè responderit. Let the patient continue in the use of the cathartic mixture, until the bowels shall have acted freely three or four times.

105.—Recipe, Misturæ Ammoniaci, uncias sex.

Capiat æger cochleare magnum bis in die, è poculo jusculi bovini, contra raucedinem.

Let the patient take a table-spoonful twice a day, in a cup of beef-tea, against hoarseness.

106.—Recipe, Tincturæ Scillæ, drachmam Mucilaginis Acaciæ, unciam Tincturæ Opii, drachmam

Misce. Fiat mistura, de quâ subindè capiat drachmam unam guttatim, ad gulam emollien-

dam et expuitionem promovendam.

Mix. Let a mixture be made, of which let the patient take one drachm (i.e. a tea-spoonful) by drops, to soften (relax, or lubricate) the throat, and to promote expectoration.

107.—Recipe, Ammoniæ Sesquicarbonatis, drachmam

Tincturæ Cardamomi, unciam Syrupi Rhœados, drachmas

Aquæ Menthæ piperitæ, uncias quatuor

Fiat mistura, de quâ capiat cochleare unum lar-

gum si pustulæ evanescant.

Let a mixture be made, of which let the patient take one table-spoonful if the pustules disappear.

108.—Recipe, Liquoris Ammonii Acetatis,

Vini Antimonii Potassio-Tartratis, drachmam

Aquæ Menthæ sativæ, uncias quatuor

Syrupi Croci, drachmam

Fiat mistura, de quâ cochleare largum unum secundis vel tertiis horis exhibeatur, sæpiùs rariusve prout febris vehementior vel mitior fuerit.

Let a mixture be made, of which let one tablespoonful be taken every second or third hour; more frequently or rarely, according as the fever may have been more or less violent.

109.—Recipe, Tincturæ Asafætidæ, drachmas

duas

Ammoniæ Carbonatis, drachmam dimidiam Aquæ Pulegii, uncias quatuor Fiat mistura, de quâ capiat cochleare unum vel cochlearia duo in languoribus, vel sudoribus

frigidis, vel frigoris paroxysmis.

Let a mixture be made, of which let the patient take one or two table-spoonfuls in languors, or in cold sweats, or in paroxysms of cold (as the cold stage of intermittents).

110.—Recipe, Potassæ Bitartratis, unciam Olei Limonis, guttas quindecim Sacchari purificati, uncias duas Aquæ bullientis, octarios duos

Misce. Usurpetur pro potu communi ubi æger intensâ siti vexatur.

Mix. Let it be used for a common drink when the patient is troubled with intense thirst.

111.—Recipe, Pulveris Jalapæ, drachmam Pulveris Zingiberis, grana viginti

Magnesii Sulphatis, unciam Aquæ puræ, uncias sex

Misce. Cochleare unum singulis horis exhibeatur, quâque vice phialam agitando, ut permisceatur pulvis. Mix. Let one table-spoonful be given every hour, shaking the bottle each time, that the powder may be thoroughly mixed [with the liquid].

112.—Recipe, Corticis Cinchonæ, sesquiunciam Magnesii Sulphatis, uncias duas Aquæ puræ, octarios duos

Coque per sextam partem horæ in vase leviter clauso, et liquorem adhuc calentem cola: sub finem adde Syrupi Absinthii uncias duas. Tertiâ vel quarta quaque hora cyathus unus exhibeatur,

intermissionis tempore.

Boil, for the sixth part of an hour (ten minutes), in a lightly covered vessel, and strain the liquor while hot: towards the end of the boiling add two ounces of syrup of wormwood. Let one eupful be given every third or fourth hour, at the time of the intermission.

113.—Recipe, Infusi Chirettæ, uncias sex Magnesii Sulphatis, uncias duas

Misce. Usurpetur ad uncias duas bis vel ter in die, longè à pastu et maximè jejuno ventriculo. Mix. Let it be used to (the extent of) four tablespoonfuls twice or three times a day, long before taking food, and especially when the stomach is empty.

114.—Recipe, Decocti Hordei, octarium dimidium Nitri purificati, drachmam dimidiam

Misce. Duabus vel tribus exhibeatur vicibus luarum horarum intervallo.

Mix. Let it be given at two or three times in he space of two hours.

115.—Recipe, Spiritûs Ammoniæ aromatici, drachmas duas Liquoris Ammonii Acetatis, uneius quatuor

Tinctura Opii, drachmam Aqua Pimenta, uncias quatuor

Misce, et divide in haustus quatuor, quorum mus usurpari potest si pulsus langueseat vel pustula subsiderint. Mix, and divide into four draughts, of which one may be taken if the pulse become feeble or the pustules recede.

116.—Recipe, Tineturæ Opii, drachman Syrupi Croei, drachman Tineturæ Cardamomi, drachmas

Aquæ Cinnamomi, uncias sex Misee, Cochleare unum exhibeatur, dosisque

iteratur, prout urgeat morbus.

Mix. Let one table-spoonful be given, and the dose repeated, according as the disease may require.

117. Recipe, Liquoris Ammonii Acetatis,
uneias duas
Tineturæ Opii, drachmam
Vini Antimonii PotassioTartratis, drachmam
Aquæ Menthæ sativæ, uncias
duas

Misce, et in tres vel quatuor doses divide, quarum

una omni bihorio in insultuum remissione sumenda. Mix, and divide into three or four doses, of which one is to be taken every two hours in the remission of the fits.

118.—Recipe, Vini Colchici, drachmas duas Tincturæ Jalapæ, drachmam Infusi Sennæ, uncias duas

Misce. Ista dosis in duas partes dividi potest,

quarum una manè, altera serò exhibeatur.

Mix. This dose may be divided into two parts, of which one part may be given in the morning, the other in the evening.

119.—Ætheris cochleare minimum, urgente flatu, in Aquâ Menthæ piperitæ sumendum.

One tea-spoonful of æther (is) to be taken in peppermint water when the flatus is troublesome.

120.—Recipe, Decocti Cinchonæ, uncias duas Tincturæ Myrrhæ, semiunciam Acidi Hydrochlorici, quantum

sufficit ad gratam acerbitatem reddendam.

To give an agreeable acidity.

121.—Recipe, Tincturæ Sennæ, unciam Tincturæ Jalapæ, drachmas duas

Aquæ Pimentæ, uncias duas

lisce. Capiat dimidium statim, et semihorâ lapså quod reliquum est.

Mix. Let the patient take half immediately, nd in half an hour the remainder.

122.—Prætermittatur mistura salina. Let the saline mixture be omitted.

123.—Capiat Tincturæ Opii guttas triginta horâ somni, et repetantur omni tertiâ horâ, perstante dolore et spasmo.

Let the patient take thirty drops of the tincture of opium at bed-time, and let them be repeated every third hour if the pain and spasm continue.

124.—Recipe, Tincturæ Castorei, drachmas

Tincturæ Serpentariæ, drachmas duas

Aquæ Pimentæ, uncias duas Misce. Capiat cochleare modicum quartis horis, aggrediente febre. Mix. Let the patient take a moderate (i.e. a dessert-) spoonful every four

hours when the fever is coming on.

125.—Recipe, Infusi Sennæ, uncias quatuor Magnesii Sulphatis, drachmam Misce. Ex hâc misturâ, primo die cochleare unum, altero die duo, et sic deinceps, propinentur. Mix. Of this mixture let one spoonful be drunk the first day, two the next day, and so henceforth.

126.—Recipe, Sarsaparillæ Radicis
Zingiberis Radicis contusæ,
ana, unciam dimidiam
Sassafras Radicis concisæ,
unciam

Coque leni igne in Aquæ fontanæ octariis quatuor, ad dimidiam consumptionem, ut fiat decoctum, cujus bibat fluiduncias octo modicè tepefacti post bolum, et manè repetatur in lecto ad diaphoresin ciendam. Boil, with a gentle heat, in four pints of spring water, to half, that a decoction may be made, of which let the patient drink eight fluid ounces, made moderately warm, after the bolus, and let it (i.e. the decoction) be repeated in the morning while in bed, to promote diaphoresis.

127.—Recipe, Acidi Sulphurici diluti, unciam dimidiam

Syrupi Rhœados, drachmas duas Tincturæ Cardamomi, drachmas duas

Fiat mistura, cujus sumat cochleare minimum,

sextis horis, in quovis vehiculo grato.

Let a mixture be made, of which let the patient take one tea-spoonful every six hours, in any agreeable vehicle.

128.—Recipe, Spiritûs Ammoniæ aromatici

Tincturæ Cardamomi, drachmas duas

Tincturæ Castorei, drachmam Aquæ Pulegii, uncias quatuor

umat, opprimente languore, cochlearia ampla uo. Let the patient take two table-spoonfuls when the languor is oppressive.

129.—Recipe, Tincturæ Castorei
———— Myrrhæ,
ana, drachmam
Misturæ Amygdalæ, uncias sex
Syrupi Croci, drachmam

Misce. Sumat cochlearia quatuor ampla manè, meridie, et horâ somni, ad biduum vel triduum; quo elapso, et uno tantum die interjecto, sumat potionem emeticam sequentem manè, superbibendo Infusi Florum Anthemidis quantum sufficiat ad vomitiones quater aut quinquies

proritandas, cum debito regimine.

Let the patient take four table-spoonfuls in the morning, at noon, and at bed-time, for the space of two or three days; which having elapsed, and one day only intervening, let the patient take the following emetic potion in the morning, drinking after it a sufficient quantity of the infusion of camonile flowers to produce vomiting four or five times, with the accustomed regimen.

130.—Recipe, Vini Ipecacuanhæ, fluidunciam Antimonii Tartarati, grana duo Misce, et fiat potio.

Mix, and let a potion be made.

131.—Recipe, Sodæ Tartaratæ semiunciam
Tincturæ Rhei, unciam dimidiam
Syrupi communis, drachmas
duas
Aquæ Pimentæ, uncias sex

Fiat mistura, cujus capiat æger cochlearia tria

magna omni bihorio, donec alvus purgetur.

Let a mixture be made, of which let the patient take three table-spoonfuls every three hours until the bowels be purged.

132.—Recipe, Aquæ pluvialis, uncias duas Antimonii Tartarati grana tria

Solve: hujus danda sunt cochlearia duo mediocria singulis horæ quadrantibus, donec vomitus sequatur. Dissolve: of this [solution] two middlingsized [i.e. dessert-] spoonfuls are to be given every quarter of an hour, until vomiting ensues.

133.—Recipe, Infusi Sennæ, uncias sex Tincturæ Sennæ, semiunciam Magnesii Sulphatis, unciam

Fiat mistura, cujus capiat æger cochlearia duo magna bis terve in horâ, donec adsit catharsis. Let a mixture be made, of which let the patient ake two table-spoonfuls twice or thrice in an nour until purging be present [i.e. come on].

134.—Recipe, Catechu, semiunciam Aquæ puræ, uncias duodecim

loque ad uncias sex: stent donec fæces subderint : liquoris partem limpidam cautè effunde. Boil to six ounces: let them stand until the dregs ubside: earefully pour off the clear part of the iquor.

135.—Recipe, Decocti Aloës, fluiduncias sex Sodii Sulphatis, unciam dimidiam

Fiat mistura, cujus sunat æger cochlearia duo ordinaria secundâ quâque horâ, donec amplè purgaverit. Let a mixture be made, of which let the patient take two common spoonfuls every second hour until it [i.e. the medicine] shall have amply purged.

136.—Recipe, Acidi Nitrici diluti drachmam Aquædestillatæ, uncias duodecim Syrupi Aurantii, sesquiunciam

Fiat mistura, quotidie sumenda, ope tubuli vitrei, partitis haustibus.

Let a mixture be made, to be taken daily in

divided draughts by means of a glass tube.

137.—Capiat æger unciam dimidiam Infusi Sennæ pro dosi, e cyatho parvo Decocti Hordei. Let the patient take half an ounce of the infusion of senna for a dose, in a small cupful of barley water.

138.—Capiat æger cyathum vinosum parvum Infusi Gentianæ secundâ quâque horâ.

Let the patient take a small wine-glassful of the infusion of gentian every second hour.

139.—Recipe, Magnesiæ Carbonatis, semidrachmam Pulveris Rhei, drachmam Aquæ Pimentæ, uncias sex

Misce. Sumantur cochlearia tria magna post unamquamque sedem mollem, vitro prius conccusso. Mix. Let three table-spoonfuls be taken after each liquid evacuation, the bottle being previously shaken.

140.—Recipe, Sodæ Tartaratæ, drachmas sex Aquæ Cinnamomi, uncias duas

Fiat solutio, duabus vicibus sumenda. Let a solution be made, to be taken at twice.

141.—Recipe, Infusi Quassiæ, uncias sex Magnesii Sulphatis, unciam

l'iat mistura, de quâ capiat æger cochleare unum emplum bis terve in die.

Let a mixture be made, of which let the patient ike one table-spoonful twice or three times a day.

142.—Recipe, Tincturæ Opii, drachmam Mucilaginis Acaciæ, uncias sex Spiritûs Ætheris Nitrosi, drachmas duas

lisce. Bibat cochlearia tria subinde, urgente ranguriâ, aut in languore.

Mix. Let the patient drink three spoonfuls ven strangury is troublesome, or in languor.

1143.—Repetatur mistura pro re natâ, si opus t, ad vomitum sedandum.

Let the mixture be repeated now and then, if re shall be occasion, to allay vomiting.

144.—Recipe, Tincturæ Opii, drachmam Syrupi Papaveris, drachmas duas Aquæ Menthæ, uncias sex

Misce. Sumat unciam omni semihorâ, donec dolor mitescat. Mix. Let the patient take one ounce every half-hour until the pain is appeared.

145.—Recipe, Tincturæ Hyoscyami, drachmas duas Tincturæ Castorei, drachmas duas Syrupi Rhœados, drachmam Aquæ puræ, uncias quatuor

Misce. Sumat drachmas duas omni horâ si non dormiat. Mix. Let the patient take two drachms every hour if he does not sleep.

146.—Recipe, Magnesiæ Subcarbonatis,
drachmam dimidiam
Tincturæ Gentianæ, drachmas
tres
Syrupi Aurantii, drachmas
quatuor
Aquæ Pimentæ, uncias quatuor

Misce. Capiat æger, acido infestante, cochleare amplum unum vel alterum e poculo jusculi bovini. Mix. Let the patient take one or two table-spoonfuls, in a cup of beef-tea, when troubled with acid [i.e. acidity of stomach].

## 147.—Recipe, Rasuræ Cornu Cervi, unciam Aquæ, octarios quatuor

Coque ad octarios duos, dein liquori colato adde Sacchari albi quod satis est, et ad usum servetur. Boil to two pints, then add to the strained liquor as much as is sufficient of white sugar, and let it [i.e. the decoction] be kept for use.

148.—Recipe, Infusi Sennæ, uncias sex Sodii Sulphatis, unciam dimidiam Syrupi Rhamni, drachmas duas

Fiat mistura. Detur imprimis uncia una, et rnterpositis tribus vel quatuor horis, cochleare xhibeatur si fuerit opus, et post duas alias horas epetatur dosis, si alvus antea non moveatur.

Let a mixture be made. In the first place let an runce be given, and three or four hours having itervened, let a spoonful be administered, if ecessary; and after two more hours let the dose repeated, if the bowels be not previously moved.

# (CHAPTER IV.-FORMS FOR DRAUGHTS.

149.—Recipe, Magnesii Sulphatis, drachmas duas Infusi Sennæ, unciam Syrupi Rhamni, drachmam TT 2

Misce. Fiat haustus, in jusculo calido, partitis vicibus, sumendus.

Mix. Let a draught be made, to be taken at

different times in warm broth.

#### 150.—Recipe, Infusi Gentianæ, unciam Tincturæ Cardamomi, drachmam

Fiat haustus, quem æger sumat tribus ante prandium horis. Let a draught be made, which let the patient take three hours before dinner.

#### 151.—Recipe, Infusi Sennæ, unciam

Sumatur pro re natâ, postea augendo minuendove quantitatem, prout sedes pauciores pluresve promoverit.

Let it be taken occasionally; afterwards increasing or diminishing the quantity, according as it shall have excited less or more stools.

152.—Recipe, Spiritûs Ætheris Nitrosi, guttas viginti

Liquoris Ammonii Acetatis, fluidrachmam Aquæ Menthæ viridis, fluidunciam

Fiat mistura salina, cujus capiat cochleare parvum omni horâ cursu noctis. Let a saline mixture be made, of which let the patient take a tea-spoonful every hour in the course of the night.

153.—Recipe, Potassii Carbonatis, scrupulum Aquæ destillatæ, drachmas decem — Cinnamomi, drachmas

Syrupi, drachmam

Misce. Fiat haustus, cui, tempore capiendi, adde Succi Limonis recentis cochleare magnum unum, et in effervescentiâ sumatur.

Mix. Let a draught be made, to which, at the time of taking, add one table-spoonful of lemonjuice; and let it be taken during efferveseence.

# 154.—Recipe, Antimonii Tartarati, granum dimidium

Aquæ puræ, unciam

Misce, ut fiat haustus statim sumendus, et repettatur post horas duas si non antea ventriculus emeticum rejecerit, vel si alvus non laxata fuerit. Mix, that a draught may be made, to be taken immediately; and let it be repeated after two hours, if the stomach shall not have previously rejected the emetic, or if the bowels shall not have been opened.

155.—Recipe, Tincturæ Lavandulæ compositæ, drachmam Misturæ Camphoræ, uncias

Misce, et fiat haustus, sextâ quâque horâ

sumendus, si aderit vel spasma vel pulsûs languor. Mix, and let a draught be made, to be taken every six hours, if spasm or languor of pulse be present.

156.—Perstet in usu haustûs nocturni heri præscripti. Continue the use of the night-draught prescribed yesterday.

157.—Sit in promptu haustus cum vini Colchici drachmâ, horâ somni sumendus, si redintegraverit malum arthriticum, vel invaluerint vigiliæ inter noctem. Let a draught with [containing] one drachm of wine of colchicum be in readiness, to be taken at the hour of sleep [i.e. at bed-time] if the arthritic pain should have returned, or if the watchings should be troublesome during the night.

158.—Repetatur porrò haustus inter noctem cum Tincturâ Opii, si vigiliæ invaluerint vel increbuerit tussis. Moreover, let the draught, with tincture of opium, be repeated during the night if the watchings should be troublesome, or if the cough should become more frequent.

159.—Recipe, Acidi Nitrici diluti, semiunciam Spiritûs Ætheris Nitrosi, drachmas tres Tincturæ Hyoscyami, drachmas duas Aquæ puræ, octarios duos Syrupi, quantum sufficit ad acorem compescendum et gustum conciliandum. Sumat quotidiè instar potûs, et bibat quantum sitis exigat.

To moderate the acidity and please the palate. Let the patient take it daily, as a drink, and let

him take as much as thirst may require.

160.—Sumat ægrotus omni mane, si possit, uncias octo lactis asinæ pro jentaculo.

Let the patient take every morning, if he can,

eight ounces of asses' milk for breakfast.

161.—Capiat æger haustum catharticum proximâ luce navem conscendens; et si post navigationem vomitus supervenerit, bibat æger spiritûs alicujus paululum aquâ commixtum.

Let the patient take a purging draught the day before embarking; and if, after sailing, vomiting should come on, let him drink a little of some

(kind of) spirit, mixed with water.

162.—Recipe, Pulveris Radicis Ipecacuanhæ, grana decem Antimonii Tartarati, granum

Aquæ destillatæ, fluidunciam cum semisse

Misce. Fiat haustus, horâ nonâ matutinâ sumendus. Vomitu superveniente, bibat æger, vicibus repetitis, Infusi Anthemidis aliquot cyathos. Vomitu finito, capiat pulverem sudorificum. Mix. Let a draught be made, to

be taken at nine o'clock in the morning. When vomiting comes on, let the patient drink, at different times, some wine-glassfuls of infusion of camomile flowers; vomiting being finished, let the patient take a sudorific powder.

163.—Recipe, Infusi Sennæ, sesunciam Potassii Tartratis, semiunciam Tincturæ Cinnamomi compositæ, fluidrachmas duas

Ex his fiat haustus, summo mane deglutiendus.

Repetatur idem tertio quoque die.

Of these let a draught be made, to be taken the first thing in the morning. Let the same be repeated every third day.

164.—Recipe, Tincturæ Opii, guttas viginti Syrupi cujusvis, fluidrachmam Misturæ Camphoræ, fluidunciam

Misce. Capiat æger haustulum hujusmodi, singulis noctibus, horâ solitâ.

Mix. Let the patient take a little draught of this kind every night, at the accustomed hour.

165.—Recipe, Tincturæ Castorei, guttas decem Spiritûs Ætheris Nitrosi, guttas quindecim Potassii Nitratis, grana sex Aquæ Pimentæ, unciam

Misce. Fiat haustus in promptu habendus, et urgente febris paroxysmo sumendus. Mix. Let

a draught be made, to be kept in readiness, and taken when the febrile paroxysm is troublesome.

166.—Sumat æger omni mane guttas novem

Acidi Sulphurici diluti, è jure vitulino.

Let the patient take nine drops of diluted ssulphuric acid in veal broth every morning.

## 167.—Recipe, Sambuci Corticis interioris, manipulum unum

Incoquatur in aquæ octariis duobus ad octarium. IDecocti hujus altera medietas mane, altera sero quotidie, assumatur, donec æger convalescat.

Let it be boiled in two pints of water to one pint. Let half of this decoction be taken in the morning, und the remainder in the evening, daily, until he patient recovers.

168.—Sumat Tincturæ Opii guttas viginti, in rehiculo calido convenienter.

Let the patient take twenty drops of tincture of opium in a vehicle made agreeably warm.

#### 169.—Recipe, Pulveris Radicis Ipecacuanhæ, scrupulum Aquæ Menthæ, unciam

isce; fiat haustus emeticus. Potione copiosâ uræ aquæ tepefactæ vomitio benè provocetur. ix. Let an emetic draught be made. Let full miting be produced by a copious draught of ure tepid water.

170.—Recipe, Infusi Gentianæ compositi,

Potassii Bromidi, grana quinque

Fiat haustus, mane et horâ quartâ pomeridianâ potandus. Let a draught be made, to be taken in the morning, and at four o'clock in the afternoon.

171.—Recipe, Olei Ricini, unciam Potassii Carbonatis, grana sex Aquæ Pimentæ, unciam

Fiat secundum artem mistura pro unâ dosi, quamprimum sumenda.

Let a mixture be made according to art, for

one dose to be taken immediately.

172.—Recipe, Tincturæ Opii, guttas quindecim Syrupi Croci, drachmam Aquæ Menthæ viridis, unciam

Misce, fiatque haustus, somno deficiente bibendus. Mix, and let a draught be made, to be taken when sleep is absent.

173.—Recipe, Tincturæ Myrrhæ, unciam dimidiam Spiritûs Ætheris Nitrosi, drachmam Syrupi Tolutani, drachmam Aquæ Pimentæ, uncias duas

Misce, et fiat mistura, de quâ capiat unciam, si vel languores vel horrores contingant.

Mix, and let a mixture be made, of which let

the patient take an ounce, if either languors or shiverings affect (the patient).

174.—Capiat Acidi Sulphurici diluti guttas decem, vel numero sufficientes ad moderatam aciditatem in singulis selibris decocti hordei.

Let the patient take in every half-pint of barley water, ten, or a sufficient number of drops of diluted sulphuric acid to (produce) moderate acidity.

175.—Sequenti aurorâ, sumat Olei Ricini quan-

tum satis sit ad alvum solvendam.

On the following morning, let the patient take a sufficient quantity of castor-oil to open the borvels.

176.—Sumat æger Vini Antimonialis guttas viginti quartâ, quintâ, vel sextâ quâque horâ, nausea non tamen excitanda.

Let the patient take twenty drops of antimonial wine, every fourth, fifth, or sixth hour: nausea, however, not to be excited.

177.—Recipe, Cupri Sulphatis, grana decem Aquæ Menthæ sativæ, unciam Syrupi simplicis, drachmam

Fiat haustus, quando venenum in ventriculum receptum est sumendus.

Let a draught be made, to be taken when poison has been received into the stomach.

178.—Bibat Infusum Seminum Lini ad libitum.

Let the patient drink as much as he pleases of the infusion of linseed.

179.—Recipe, Radicis Sarsaparillæ, uncias duas Corticis Ulmi, semiunciam Aquæ puræ, octarios duos

Coque ad octarium cum semisse, cola, et signetur

decoctum, quod capiat ut antea.

Boil to a pint and a half, strain, and let it be called (on the direction) the decoction, which let the patient take as before.

180.—Recipe, Infusi Quassiæ, unciam Tincturæ Gentianæ, drachmam

Misce. Fiat haustus, mane iterumque horâ ante

prandium, stomacho vacuo, sumendus.

Mix. Let a draught be made, to be taken in the morning, and again an hour before dinner, when the stomach is empty.

181.—Recipe, Syrupi Chloral, fluidrachmam Aquæ Chloroformi, fluidunciam cum semisse

Misce. Fiat haustus, horâ somni, vel vespertinâ, vel serâ nocte sumendus.

Mix. Let a draught be made, to be taken at bed-time, in the evening, or late at night.

182.—Recipe, Potassii Carbonatis, scrupulum Syrupi Croci, drachmam Aquæ Menthæ piperitæ, unciam Misce. Fiat haustus, cum succi limonum cochleari uno amplo, in impetu ipso effervescentiæ, sumendus. Mix. Let a draught be made, to be taken with one table-spoonful of lime-juice, in the height of effervescence.

183.—Recipe, Tincturæ Jalapæ, semidrachmani Infusi Sennæ compositi, unciam Magnesii Sulphatis, drachmas duas

Misce. Fiat haustus, secundis horis sumendus, idonec alvus plenè soluta sit. Mitte tales quatuor. Mix. Let a draught be made, to be taken every second hour, until the bowels are freely opened. Send four such (draughts).

184.—Continuetur haustus nuperrimė præ-

Let the draught very lately prescribed be coninued.

185.—Recipe, Liquoris Ammonii Acetatis,
unciam
Spiritûs Ætheris Nitrosi,
semidrachmam
Tincturæ Opii, guttas quindecim
Aquæ puræ, drachmas duas

llisce. Fiat haustus, quartâ quâque horâ capienus. Ut effectus sudorificus augeatur, adde ngulis haustibus Antimonii Potassio-Tartratis mani quartam partem. Mix. Let a draught be made, to be taken every fourth hour. That the sudorific effect may be increased, add to each draught a quarter of a grain of the potassio-tartrate of antimony.

186.—Recipe, Tincturæ Castorei,
semidrachmam
Tincturæ Serpentariæ, guttas
decem
Spiritûs Ammoniæ aromatici,
guttas quindecim
Aquæ Pimentæ, unciam

Misce. Fiat haustus, si vigilia increbuerit aut

dolor capitis redintegraverit sumendus.

Mix. Let a draught be made, to be taken if the watching should have increased, or the pain of the head should have returned.

- 187.—Perdomito symptomate, mane et sero, ad dies pauculos, continuetur usus haustuum. The symptom being subdued, let the use of the draughts be continued, morning and evening, for a few days.
- 188.—Continua haustum effervescentem sicut jamjam paratum. Continue the effervescing draught as already prepared.
- 189.—Cochleare unum Tincturæ Lavandulæ compositæ per se propinari possit bis vel ter durante paroxysmo, horâ dimidiâ vel integrâ interpositâ. One spoonful of the compound tincture

of lavender may be taken by itself twice or three times during the paroxysm, half an hour or an hour being interposed.

190.—Recipe, Decocti Sarsaparillæ compositi, octarium (fluiduncias viginti) Potassii Iodidi, scrupulum

Sumat poculum (uncias quatuor) bis terve indies. Let the patient take a cupful (four ounces) twice or three times a day.

191.—Recipe, Tincturæ Opii, guttas viginti Misturæ Cretæ, unciam

Fiat haustus, navem ingressuro sumendus.

Let a draught be made, to be taken when about to embark.

192.—Recipe, Magnesii Sulphatis, unciam Acidi Sulphurici diluti, guttas decem

Syrupi Rhœados, drachmam Aquæ Menthæ piperitæ, unciam

Wisce. Fiat haustus, cras primo mane sumendus, est repetatur tertiis vel quartis horis, ad alvum solvendam. Mix. Let a draught be made, to be taken early to-morrow morning, and repeated very third or fourth hour, to open the bowels.

193.—Recipe, Misturæ Cretæ, unciam Syrupi Croci, drachmas duas Iisce. Fiat haustus, quartâ quâque horâ sumendus, donec paroxysmi non discrucient, instillando alternis vicibus, si diarrhœa adfuerit,

Tincturæ Opii guttas duas vel tres.

Mix. Let a draught be made, to be taken every fourth hour, until the paroxysms no longer distress (the patient); adding every other time, if diarrhæa should be present, two or three drops of tincture of opium.

194.—Recipe, Tincturæ Calumbæ, drachmas duas

Acidi Sulphurici diluti, guttas quindecim

Aquæ Cinnamomi, unciam Syrupi Rhœados, drachmas duas

Misce. Fiat haustus, quartâ quâque horâ sumendus; et tempore usûs, adde singulis, si opus fuerit, ad præcavendam diarrhæam, Tincturæ Opii guttas tres.

Mix. Let a draught be made, to be taken every fourth hour; and at the time of using, add to each draught, if necessary, to prevent diarrhæa,

three drops of tincture of opium.

195.—Recipe, Infusi Digitalis, uncias tres
—— Gentianæ compositi,
uncias quatuor
Syrupi Croci, unciam

Misce. Fiant haustus sex. Sumat unum sextis

horis, per spatium nychthemeri, sivires permittant.

Mix. Let six draughts be made. Let the vatient take one every six hours, for the space of one night and day (i.e. twenty-four hours), f the strength permit.

196.—Recipe, Infusi Calumbæ, sesquiunciam Potassæ Hydriodatis, grana quinque Syrupi Aurantii, drachmas duas

lisce. Fiat haustus, meridie et horâ quintâ omeridianâ sumendus, per septimanam integram, el ulterius, si opus fuerit.

Mix. Let a draught be made, to be taken at oon and at five o'elock in the afternoon, for one

hole week, or longer, if necessary.

197.—Recipe, Balsami Copaibæ, drachmas tres Misturæ Acaciæ, drachmas sex Liquoris Potassæ, drachmam cum semisse Syrupi Aurantii, unciam dimidiam Aquæ destillatæ, uncias quatuor cum semisse

sce. Capiat cochlearia duo vel tria quartis ris. Mix. Let the patient take two or three le-spoonfuls every four hours.

198.—Recipe, Balsami Copaibæ, partes duas Liquoris Potassæ, partes tres Aquæ destillatæ, partes septem

Coque per quadrantem horæ et tunc adde Spiritûs Ætheris Nitrosi, partem unam Stet per horas duas vel tres

Capiat æger, liquoris limpidi supernatantis, coch-

leare medium unum ter die.

Boil during a quarter of an hour, and then add one part of spirit of nitric ether. Let [the mixture] stand for two or three hours. Let the patient take, three times a day, one dessert-spoonful of the limpid supernatant liquor.

199.—Recipe, Balsami Copaibæ, unciam dimidiam Vitellum unius Ovi Sacchari puri, unciam

His bene subactis terendo, adde paulatim Aquæ

Menthæ viridis uncias sex, ut fiat emulsio.

To these, well incorporated by rubbing, add gradually six ounces of spearmint water, that an emulsion may be made.

200.—Recipe, Calomelanos, grana tria Confectionis Opiatæ, grana sex

Misce: fiat bolus, statim sumendus. Vesperenisi prius bis saltem dejecerit alvus, capiat (æger)

Olei Ricini unciam dimidiam (vel semiunciam),

vel quantum sufficiat ad alvum solvendam.

Mix. Let a bolus be made, to be taken immediately. Unless the bowels shall have been at least twice previously evacuated, let the patient take in the evening half an ounce, or as much as may be sufficient, of castor oil, to open the bowels.

Alvo hisce medicamentis liberè solutà, incipiat

sumere haustum sequentem.

The bowels being freely opened by these mediines, let him begin to take the following draught:—

Recipe, Liquoris Ammonii Acetatis,

semiunciam

Aquæ Cinnamomi, unciam Vini Antimonialis, guttas quindecim Syrupi Papaveris albi, drachmam

Hisce; fiat haustus.

Februarii die vigesimo tertio.

201.—Repetantur remedia olim (penultima) ræscripta, non novissime instituta. Si alvus alstricta fuerit, magnesia vitriolata augeatur, ut vus satis soluta fuerit.

Let the remedies formerly (the last time but ve) prescribed be repeated, not the last ordered.

the bowels be bound, let the vitriolated (i.e. lphate of) magnesia be increased, that they ay be sufficiently opened.

Martis (die) undecimo.

202.—Recipe, Infusi Sennæ, unciam cum semisse (vel sesquiunciam) Mannæ, unciam dimidiam Tincturæ Jalapæ, unciam

Misce. Capiat (æger) cochleare largum unum horâ tertiâ quâque, donec sedes tres vel quatuor procurentur.

Mix. Let the patient take a table-spoonful every third hour, until three or four stools are procured.

Recipe, Linimenti Ammoniæ, drachmas sex Unguenti Hydrargyri fortioris, drachmam

Misce; fiat linimentum, cervici et scapulis omni nocte et mane, manu calidâ, assidue applicandum; superimponendo pannum laneum eodem imbutum. Et post operationem Misturæ Sennæ, ad usum Misturæ Antimonialis in promptu confugiat. Mix. Let a liniment be made, to be assiduously applied night and morning to the neck and shoulders with the warm hand; afterwards applying a woollen cloth moistened with the same (i.e. liniment). And after the operation of the senna mixture, let him return to the use of the antimonial mixture, (which is to be kept) in readiness.

Novembris (die) vigesimo quarto.

203.-Recipe, Guaiaci Ligni rasi, unciam Sassafras Radicis, unciam dimidiam

Aquæ destillatæ, libras duas

(Coque igne leni ad libram unam; sub finem coctionis addantur Glycyrrhizæ Radicis contusæ lrachmæ duæ, et cola: cujus capiat cochlearia ria ampla ter quotidie.

Boil, by a gentle heat, to one pound: let two lrachms of bruised liquorice-root be added tovards the end of the coction, and strain: of this et the patient take three table-spoonfuls three

imes a day.

Octobris (die) decimo.

#### CHAPTER V.

## FORMS FOR POWDERS AND PILLS.

204.—Prosit forsan dare ægro, lectum ituro, ulveris Hydrargyri subchloridi grana quinque. erhaps it may be beneficial to give the patient, hen about going to bed, five grains of subchloride f mercury.

205.—Recipe, Coccinellæ, scrupulum Sodii Chloridi, drachmas duas lisce. Fiat pulvis. Detur cochleare dimidium ro dosi, tempore matutino.

Mix. Let a powder be made. Let half a spoonful be given for a dose in the morning.

206.—Recipe, Pulveris Jalapæ, drachmas duas Hydrargyri subchloridi, semidrachmam

Misce. Dentur grana duodecim ad viginti et quatuor, quando alvi ductione opus sit. Mix. Let [from] twelve to twenty-four grains be given when there may be occasion to open the bowels.

207.—Recipe, Magnesii Carbonatis, semiunciam Fœniculi Seminum Sacchari purificati, ana,

drachmam

Terantur in pulverem. Dosis quantum cultri

apice capi potest, sæpius in die.

Let them be rubbed into a powder. The dose is as much as can be taken on the point of a knife, frequently during the day.

208.—Recipe, Hydrargyri subchloridi, drachmam Confectionis Rosæ, quantum satis sit

Contunde in massam et divide in pilulas triginta. Sumatur una bis indies, ut cieatur ptyalismus modicus. Beat them into a mass, and divide into thirty pills. Let one be taken twice a day, that moderate ptyalism may be produced.

209.—Augeatur dosis Pulveris Jacobi veri ad

grana sex. Let the dose of James's powder be increased to six grains.

210.—Recipe, Hydrargyri Oxidi rubri, granum Opii, tertiam grani partem Caryophyllorum Olei, guttam

Fiat pilula, horâ somni per hebdomadam sumenda. Let a pill be made, to be taken at bed-time during the week.

211.—Recipe, Myrrhæ Gummi-resinæ, semidrachmam Sacchari puri, semiunciam

Tere simul in pulverem. Dosis drachma ter quaterve indies, è quovis liquore idoneo.

Rub them together into a powder. The dose is one drachm three or four times a day, in any proper liquid.

212.—Recipe, Pulveris Opii, grana tria Extracti Glycyrrhizæ, grana octo

Fiant pilulæ binæ, nocte sumendæ ad vicem secundam. Let two pills be made, to be taken at vight for twice (i.e. two nights).

213.—Recipe, Capsici Seminum contritorum, grana sex

Lauri Baccarum, scrupulos duos

Misce. Fiat pulvis, dividendus in tres partes equales, quarum prima portio sumatur incipiente primore rigore; secunda postridie eâdem horâ; ertia verò tertio die.

Mix. Let a powder be made, to be divided into three equal parts, of which let the first part be taken at the beginning of the first rigor, the second at the same hour of the following day, and the third on the third day.

214.—Recipe, Confectionis Opii, scrupulum Pro re natâ sumatur, si diarrhœa permaneat. Let it be taken occasionally if the diarrhœa remain.

215.—Recipe, Extracti Colocynthidis compositi, drachmam Hydrargyri subchloridi, grana duodecim

Fiat massa, in pilulas duodecim dividenda.

Let a mass be made, to be divided into twelve pills.

Capiat summo mane tres, et postea duas, si

alvus, post horas sex, non satis dejecerit.

Let the patient take three early in the morning, and afterwards two, if the bowels, in six hours, be not sufficiently evacuated.

216.—Recipe, Pulveris Rhei, scrupulum Hydrargyri subchloridi, grana quinque

Syrupi Althææ, quantum sufficit ut fiat bolus, horâ somni sumendus et alternis noctibus repetendus, ad duas vel tres vices. That a bolus may be made, to be taken at bedtime, and to be repeated every other night, for two or three times.

217.—Recipe, Extracti Cicutæ, semidrachmam Fiant pilulæ quindecim, in pulvere cicutæ involvendæ. Mitte in chartaceâ pyxide.

Let fifteen pills be made, to be rolled in hemlock

powder. Send them in a paper box.

218.—Recipe, Extracti Colocynthidis, semidrachmam Pulveris Scammonii, scrupulum Hydrargyri subchloridi, grana duodecim

Misce. Fiant pilulæ duodecim; quarum capiat unam nocte, quoties alvus fuerit justo adstrictior. Mix. Let twelve pills be made, of which let the patient take one at night, as often as the bowels are more confined than they ought to be.

219.—Recipe, Elaterii, granum dimidium Extracti Colocynthidis compositi, grana quinque

Olei essentialis Menthæ piperitæ, guttam

In pilulam conficiantur cras mane deglutiendam,

iterumque mane perendino.

Let them be made into a pill, to be taken to-morrow morning, and again the morning after to-morrow.

220.—Ad nauseam supprimendam, bibat æger spiritûs alicujus paululum aquâ commixtum.

To prevent nausea, let the patient take a little

of some spirit mixed with water.

# 221.—Recipe, Corticis Cinchonæ Pulveris, grana quindecim ad drachmas

Capiat è cyatho vini generosissimi horæ quadrantis ad horas quatuor intervallo, ita ut æger sumat drachmas sex ad minimum inter duos paroxysmos. Let the patient take it in a glass of the best [most generous] wine, every quarter of an hour, for four hours during the interval [of the paroxysms], so that the patient may take at least six drachms between the paroxysms.

#### 222.—Recipe, Elaterii, grana duo Sacchari purificati, drachmam

Optime terantur simul, dein in pulveres octo æquales dividantur, quorum capiat æger unum omni horæ quadrante, donec adsit catharsis.

Let them be well rubbed together, then divided into eight equal powders, of which let the patient take one every quarter of an hour, until purging take place.

223.—Accipiat vespere Jalapæ Pulveris, grana quindena Hydrargyri subchloridi, grana quinque Conterantur in molem syrupo simplici, ut

fingantur globuli terni æquales.

Let the patient take fifteen grains of jalap and five of calomel in the evening. Let them be rubbed into a mass with simple syrup, that they may make three equal globules (pills).

224.—Recipe, Sodii Carbonatis exsiccatæ, drachmam

Saponis duri, scrupulos quatuor Olei Juniperi, guttas viginti Syrupi Zingiberis,

quantum sufficit

ut fiat massa, in pilulas triginta dividenda, è quibus capiat tres indies, contra calculos renum. That a mass may be made, to be divided into thirty pills, of which let the patient take three daily, against renal calculi.

225.—Recipe, Pulveris Jalapæ, drachmas duas Hydrargyri subchloridi, grana viginti quatuor

Misce, et in pulveres duodecim divide, quorum capiat duos vel tres, ut necesse sit ad sedes.

Mix, and divide into twelve powders, of which let the patient take two or three, as may be necessary for [i.e. to produce] stools.

226.—Recipe, Potassii Sulphatis, scrupulos duos in semipoculo aque tepidæ solutos, cum guttis viginti Tincturæ Digitalis sumendos.

To be dissolved in half a eupful of warm water, to be taken with twenty drops of tincture of foxglove.

227.—Recipe, Pulveris Cinchonæ, drachmam Sit pulvis, secundis horis, in cyatho lactis, absente paroxysmo, sumendus.

Let it be a powder, to be taken every other hour, in a eup of milk, during the absence of

the paroxysm.

228.—Sumantur Pulveris Calumbæ grana decem singulis auroris ex pulte.

Let ten grains of powder of calumba be taken

every morning in gruel.

Fiat pulvis, in promptu habendus, et urgente

paroxysmo sumendus.

Let a powder be made, to be had in readiness, and taken when the paroxysm is troublesome.

230.—Recipe, Pulveris Jalapæ, drachmam

—— Scammonii, scrupulum Hydrargyri subchloridi, grana viginti

Syrupi simplicis, quantum sufficit ut fiat massa, in pilulas viginti dividenda, è quibus capiantur binæ, ad alvum officii immemorem excitandam.

That a mass may be made, to be divided into twenty pills, of which let two be taken, to excite the bowels unmindful of their office (i.e. constipated bowels).

231.—Recipe, Potassii Nitratis, grana viginti Sacchari albi, drachmas duas Mucilaginis Acaciæ, quantum sufficit

ut fiat massa, in trochiscos duodecim distribuenda, quorum unus detineatur sub linguam donec liquescat.

To be divided into twelve lozenges, of which let one be held under the tongue until it melts.

232.—Recipe, Quercûs Corticis, drachmam dimidiam Anthemidis Florum exsiccatorum, scrupulum

Tere simul in pulverem, alternis vel tertiis horis, durante apyrexiâ, sumendum.

Rub together into a powder, to be taken every second or third hour during the intermission.

233.—Recipe, Zinci Sulphatis, grana duodecim Aquæ puræ, uncias tres

Sumatur tertia pars ter die, augendo dosin, si opus

sit, et si ferat ventriculus.

Let a third part be taken three times a day, ncreasing the dose if necessary, and if the tomach will bear it.

234.—Recipe, Extracti Cannabis Indicæ, grana quinque

Vespere ante somnum sumenda.

To be taken in the evening before sleep.

235.—Recipe, Extracti Colocynthidis, drachmam

Fiant pilulæ duodecim. Sumat unam sextis horis, donec commodè purgetur.

Let twelve pills be made. Let the patient take one every six hours, until sufficiently purged.

236.—Recipe, Pulveris Ipecacuanhæ, grana viginti quinque Antimonii Potassio-Tartratis, granum

Fiat pulvis emeticus: et pauxillo alicujus liquoris idonei hauriatur, et vomitu moto, superbibantur cyathi aliquot infusi anthemidis tepidi.

Let an emetic powder be made: lct it be taken in a little of any proper liquor, and when vomiting comes on, let some cupfuls of warm infusion of camomile flowers be drunk.

237.—Recipe, Pulveris Cinchonæ, drachmas tres

Divide in partes duodecim, [quarum] capiat unam, secundâ vel tertiâ quâque horâ, e cyatho parvo lactis vaccini recentis, absente febre. Divide into twelve equal parts, of which let the patient take one every second or third hour, in a small cupful of fresh cow's milk, during the absence of the fever.

238.—Recipe, Confectionis Rosæ, grana decem Hydrargyri subchloridi, grana sex

Fiat bolus, horâ somni quâlibet nocte sumendus; mane sequenti, post quintam vel sextam assumptionem, bibat potionem purgantem communem. Let a bolus be made, to be taken any night at bed-time; on the morning following, after the fifth or sixth taking, let the patient take a common purging draught.

239.—Recipe, Pilulæ Aloës cum Myrrhâ, drachmam

Fiant pilulæ duodecim, quæ obruantur pulvere glycyrrhizæ. Let twelve pills be made, which are to be rolled in powder of liquorice.

Misce. In pulveres tres hæc quantitas dividenda est. Partitio fiat exactissima.

Mix. This quantity is to be divided into three powders. Let the division be very carefully made.

241.—Recipe, Extracti Papaveris, grana decem

Fiant pilulæ duæ, quarum capiat unam statim, et alteram post horas tres, si vomitus perstiterit.

Let two pills be made, of which let the patient take one immediately, and the other after three hours, if the vomiting continue.

242.—Recipe, Ferri Sesquioxidi, drachmas sex In sex partes dividatur, quarum una ter de die exhibenda, et per plures dies continuanda.

Let it (i.e. the powder) be divided into six parts, one of which is to be given three times a

day, and continued for several days.

243.—Recipe, Pilulæ Hydrargyri, grana decem

Fiant pilulæ duæ. Let two pills be made.

Devoret æger unam bis in die, horâ decimâ et horâ secundâ. Let the patient swallow one twice a day, at ten o'clock and at two o'clock.

Misce. Fiat pulvis purgans, extemplò in pulpâ

pomi tosti sumendus.

Mix. Let an opening powder be made, to be taken immediately in the pulp of a roasted apple.

245.—Dentur Radicis Ipecacuanhæ in pulverem subtilissimum tritæ grana tria vel quinque diluculo, singulis vel alternis diebus.

Let three or five grains of ipecacuanha root, rubbed into a very fine powder, be given at daybreak, every, or every other day.

246.—Sumantur Filicis Radicis in pulverem tritæ drachmæ duæ vel tres, e cyatho aquæ

Menthæ, primo diluculo.

Elapsis duabus horis, devoretur bolus ex hydrargyri submuriatis granis quinque vel sex, et cambogiæ granis octo vel decem; assumpto subindè haustulo infusi theæ viridis.

Let two or three drachms of fern root, rubbed into powder, be taken in a cupful of mint water,

early in the morning [at daybreak].

Two hours having elapsed, let a bolus composed of five or six grains of submuriate of mercury, and of eight or ten grains of gamboge, be swallowed; a draught of infusion of green tea being taken now and then.

## 247.—Recipe, Ferri Sulphatis, drachmam dimidiam Asafœtidæ, drachmas duas

um mucilaginis acaciæ tantillo subige in massam ividendam in pilulas singulas grana quatuor endentes.

Rub with a little mucilage of acacia into a lass, to be divided into pills, each weighing four rains.

248.—Recipe, Antimonii Potassio-Tartratis, grana quatuor Pulveris Foliorum Digitalis, grana decem

Confectionis Rosæ, quantum sufficit

ut fiat massa, in pilulas viginti dividenda. Initio sumat æger pilulam unam, pro dosi, mane ac nocte, postea binas, dein tres, et denique augeatur

dosis, quantum fieri potest.

That a mass may be made, to be divided into twenty pills. At the commencement, let the patient take, morning and night, one pill for a dose; afterwards two, then three, and lastly, let the dose be increased as much as can be borne.

249. -Recipe, Extracti Gentianæ, grana decem Fiat bolus; detur jejuno stomacho. Let a pill be made. Let it be given on an empty stomach.

250. – Recipe, Pulveris Aloës, drachmam

——— Myrrhæ, drachmam
dimidiam

Misce. Capiat grana decem ter die. Dosis sensim augenda est, donec drachma una in die simatur.

Mix. Let the patient take ten grains, three times a day. The dose is to be gradually increased until one drachm be taken during the day.

251.—Sumat quantum cuspide cultri capi potest, Pulveris Rhei, in cochleari lactis saccharati, vel in melle.

Let the patient take as much powder of rhubarb as can be contained on the point of a knife, in

a spoonful of sugared milk or in honey.

252.—Sumat æger drachmam unam Pulveris Cinchonæ, ante paroxysmum ingredientem.

Let the patient take one drachm of powder of cinchona bark before the approaching paroxysm.

253.—Recipe, Hydrargyri Binoxidi, grana duodecim Confectionis Rosæ, quantum sufficit

ut fiant pilulæ duodecim. Sumat æger pilulam ter in die, donec dentes vacillare incipiant. Dosis ab initio a pilulâ unâ ad duas vel tres, semper

dosin augendo.

That twelve pills may be made. Let the patient take one pill, three times a day, until the teeth begin to loosen. The dose, at the beginning, is from one to two or three pills, always increasing the dose.

254.—Recipe, Pulveris Cinchonæ, drachmam —— Zingiberis, grana decem

Misce. Sumat æger ante tempus redeuntis paroxysmi, ter in septimanâ huncce pulverem pro dosi. Mix. Let the patient take this powder for a dose, before the time of the returning paroxysm, three times a week.

255.—Sumat ægra, in lecto composita, pilulam Opii, superbibendo hordei aquam calidam. Let the (female) patient take, when in bed, a pill of opium, drinking afterwards warm barley water.

256.—Recipe, Gummi Ammoniaci, drachmam dimidiam Pulveris Rhei, scrupulum Syrupi simplicis, quantum sufficit

ut fiant pilulæ viginti. Capiat per duas noctes quatuor, et intermittat tertiam noctem; et sic pergat donec totum sumpserit. That twenty pills may be made. Let the patient take four for two nights, and intermit the third night; and continue thus until the whole shall be taken.

257.—Recipe, Antimonii Oxidi, scrupulum Nitratis Potassii, drachmam Pulveris Ipecacuanhæ compositi, drachmam dimidiam

Misceantur, et fiat pulvis tenuissimus, in septem partes æquales separandus, quarum una singulis horis ingeratur.

Let them be mixed, and let a very fine powder be made, to be divided into seven equal parts,

of which let one be taken every hour.

258.—Repetantur pulveres, hesterno die præ-

scripti, eodemque modo sumantur.

Let the powders prescribed yesterday be repeated, and let them be taken in the same manner.

259.—Recipe, Cretæ præparatæ, drachmam Pulveris Ipecacuanhæ, grana sex

Misce, et fiat pulvis, in chartulas duas æqualiter dividendus, quarum capiat unam horis octavis; et temporibus intermediis, si pulsus sit creber et ortis, bibat cochlearia duo misturæ sequentis. Mix, and let a powder be made, to be equally divided into two powders, of which let the patient take one every eight hours; and in the intermediate time, if the pulse be frequent and strong, let the patient take two table-spoonfuls of the following mixture.

260.—Recipe, Extracti Colocynthidis, drachmam Pulveris Scammonii, drachmam dimidiam

Misce, fiant pilulæ viginti, quarum duæ degluti .ntur horâ decubitûs : diluculò, ut infra

Recipe, Infusi Sennæ, unciam

Wix. Let twenty pills be made, of which let two e taken at bed-time; early in the morning [at lay-break], (let him take) as under (i.e. the ollowing).

261.—Recipe, Hydrargyri subchloridi, grana duodecim Confectionis Rosæ,

quantum sufficit

ut fiant pilulæ duodecim, quarum sumat unam post cænam: mane et pomeridie sumat haustum purgantem.

That twelve pills may be made, of which let the patient take one after supper; let him take

a purging draught, morning and evening.

262.—Recipe, Zinci Sulphatis, scrupulum dimidium

Pulveris Ipecacuanhæ, grana quindecim

Fiat pulvis emeticus, statim sumendus. Finitâ vomitorii operatione, capiat subinde cochlearia duo misturæ purgantis. Let an emetic powder be made, to be taken immediately. The operation of the vomit being finished, let the patient take now and then two spoonfuls of purging mixture.

263.—Recipe, Pulveris Digitalis, granum dimidium

Pulveris Acaciæ, scrupulum

Fiat pulvis, quartis horis sumendus, ægrâ interim conquiescente, et caput immotum tenente.

Let a powder be made, to be taken every four hours, the (female) patient, in the meantime, being at rest, and keeping her head unmoved.

264.—Recipe, Hydrargyri cum Cretâ, grana decem

Pulveris Tragacanthæ, scrupulum dimidium

lFiat pulvis, statim sumendus, et exhibeatur

sequenti luce potio purgans communis.

Let a powder be made, to be taken immediately; and let a common purging draught be given the following morning.

265.—Recipe, Pulveris Potassii Sulphatis, drachmam Pulveris Rhei, scrupulum

Misce. Fiat pulvis, in pulmento vel in poculo seri lactis vinosi sumendus.

Mix. Let a powder be made, to be taken in gruel, or in a cupful of wine whey.

Misce. Fiant pulveres duodecim, quorum capiat inum quarta quaque hora, superbibendo vini rujuslibet haustum, incipiendo immediate post paroxysmum; interdicto interim enematum usu. Mix. Let twelve powders be made, of which et one be taken every four hours, drinking afterwards a draught of some kind of wine, beginning immediately after the paroxysm; the use of the enemata being in the meantime omitted.

267.—Recipe, Extracti Hyoscyami, drachmam Fiant pilulæ duodecim, quarum sumatur una pro re natā, sub languore vel singultu.

Let twelve pills be made, of which let one be

taken occasionally during languor or hiccup.

268.—Recipe, Sodæ Potassio-Tartratis, sesquidrachmam

Cretæ præparatæ, semidrachmam

Misce. Fiat pulvis in jusculo avenaceo tenuissimo sumendus.

Mix. Let a powder be made, to be taken in very thin gruel.

269.—Recipe, Pilulæ Aloës cum Myrrhâ, drachmas duas

Fiant pilulæ viginti et quatuor, è quibus ingerantur tres, unoquoque mane ac nocte.

Let twenty-four pills be made, of which let

three be taken every morning and night.

270.—Recipe, Hydrargyri subchloridi, grana quaterna Sacchari, grana sena

Pulveris Antimonii compositi, grana bina

Conterantur. Sumat vespere in Gelatinâ Ribesiorum.

Let them be rubbed together. Let the patient take (i.e. the powder) in the evening, in currant jelly.

#### 271.—Recipe, Zinci Sulphatis, scrupulum Confectionis Cynosbati, quantum sufficit

ad pilulas viginti fingendas, quæ deaurandæ sunt. As much as is sufficient to form twenty pills, which are to be gilded.

272.—Recipe, Cretæ præparatæ, scrupulum Fiat pulvis vel, addendo syrupum zingiberis, bolus ad alvum contrahendam, mane sumendus. Let a powder be made, or, by adding syrup of ginger, a bolus, to be taken in the morning to bind the bowels.

273.—Recipe, Pilulæ Hydrargyri, scrupulum dimidium

IDivide in duas partes; sumat unam statim, alteram circa mediam noctem.

Divide into two parts; let the patient take one immediately, the other about midnight.

### 274.—Recipe, Pulveris Ipecacuanhæ, scrupulum

Fiat pulvis emeticus, more solito sumendus. Operatione emetici peractâ, capiat Pulveris Rhei crupulum unum. Let an emetic powder be made, o be taken in the usual manner. The operation of the emetic having ceased, let the patient take ne scruple of powder of rhubarb.

#### 275.—Recipe, Pulveris Calumbæ, drachmam Pulveris Zingiberis, grana viginti

Misce omnia, quæ dividantur in sex doses æquales, per sex dies continuos mane sumendas,

tribus horis ante pastum.

Mix them all together, which let be divided into six equal doses, to be taken in the morning three hours before taking food, for six successive days.

#### 276.—Recipe, Olei Crotonis, guttas octodecim Pulveris Glycyrrhizæ, quantum sufficit

ut fiant pilulæsex et triginta, quarum exhibeantur duæ horâ decubitûs, quandoque alvus nimis solida fuerit, et augeatur seu minuatur dosis pro ratione effectûs.

As much as may be sufficient that thirty-six pills may be made, of which let two be given at bed-time, whenever stools are too solid (i.e. whenever the bowels are too constipated); and let the dose be increased or diminished in proportion to the effect.

#### 277.—Recipe, Pulveris Opii, granum Confectionis Rosæ, grana quatuor

Fiat bolus vespere, si perstet diarrhœa, vel adsint tormina intestinorum, capiendus.

Make a bolus, to be taken in the evening, if the diarrhæa continue, or if there be griping of the bowels.

278.—Recipe, Jalapæ Radicis Pulveris, unciam Potassæ Bitartratis, uncias duas Seorsim duo permisce. Dosis a drachma dimidia ad drachmas sex, mane.

Mix the two together. The dose is from half

a drachm to six drachms, in the morning.

279.—Recipe, Extracti Gentianæ, drachmas quinque

in pilulas sexaginta dividendas. Dosis una vel dum nocte maneque statim post cibum. To be divided into sixty pills. The dose (is) one or two, night and morning, immediately after taking food.

# CHAPTER VI.—FORMS FOR LINCTUSES AND ELECTUARIES.

280.—Recipe, Olei Terebinthinæ, drachmas

Mellis despumati, unciam

Misce: fiat linctus. Dosis cochleare parvum, nocte et mane, cum haustu cujusvis potûs tenuioris tepefacti. Mix: let a linctus be made. The dose is a tea-spoonful night and morning, with a draught of any kind of weak warm drink.

281.—Recipe, Confectionis Sennæ, uncias quatuor

Sumat ad nucis juglandis magnitudinem.

Let the patient take it to the size of a walnut.

282.—Recipe, Confectionis Rosæ, uncias duas Tincturæ Opii, drachmam Acidi Sulphurici diluti, drachmam dimidiam

Fiat electuarium exactè invicem miscendo. Let an electuary be made by mixing them accurately together.

283.—Recipe, Confectionis Rosæ caninæ, drachmas duas Syrupi Aurantii, drachmas sex Olei Amygdalæ, drachmam

Misce, et fiat linctus, in ollâ fictili mittendus. Mix, and let a linctus be made, to be sent in an earthen pot.

284.—Recipe, Oxymellis Scillæ, drachmas tres Syrupi Papaveris, drachmas sex Pulveris Tragacanthæ compositi drachmam

Misce. Fiatlinctus, cujus lambatæger pauxillum subinde. Mix. Let a linctus be made, of which let the patient take (lick) a little now and then.

## 285.—Recipe, Resinæ Guaiaci, drachmam Confectionis Rosæ, unciam Syrupi Aurantii, quantum sufficit

ut fiat electuarium, de quo capiat quantitatem

nucis moschatæ majoris bis indies.

That an electuary may be made, of which let the patient take the size of a large nutmeg twice a day.

286.—Recipe, Confectionis Rosæ, uncias duas Acidi Sulphurici diluti, drachmam

Misce, et fiat linctus: capiat quantitatem castarneæ bis in die.

Mix, and let a linctus be made: let the patient ake the size of a chestnut twice a day.

287.—Recipe, Confectionis Sennæ, uncias quatuor Pulveris Potassæ Bitartratis, unciam dimidiam

Hisce, et fiat electuarium. Capiat quantitatem ucis avellanæ vel moschatæ subinde, vel ter in ie, paulò ante prandium.

Mix, and let an electuary be made. Let the itient take the size of a filbert nut or nutmeg nw and then, or three times a day, a little bere dinner.

Syrupisimplicis, quantum sufficit ut fiat electuarium, quod decedente paroxysmo totum capere debet æger, ante accessum febris sequentem. As much as is sufficient that an electuary may be made, the whole of which the patient ought to take when the paroxysm is over, and before the attack of the succeeding one.

289.—Recipe, Confectionis Sennæ, unciam Fiat linctus, sumendus subindè lambendo. Mittatur in narthecio.

Let a linctus be made, to be taken occasionally by licking. Let it be sent in a gallipot.

290.—Recipe, Confectionis Rosæ, unciam Aluminis Pulveris, drachmanı

Misce. Imponatur parvulum assiduò linguæ, ut solutum ibi oblinat et sic lente deglutiatur.

Mix. Let a little very frequently be placed on the tongue, that, being dissolved there, it may diffuse itself (over the tongue), and thus be slowly swallowed.

291.—Recipe, Pulveris Uvæ Ursi, unciam Syrupi Aurantii, quantum sufficit ut fiat electuarium debitæ spissitudinis, cujus molem nucis moschatæ, bis in die, paulatim delingat. As much as may be sufficient that an electuary may be made, of the proper thickness, of which let the patient swallow gradually the size of a nutmeg twice a day.

## 292.—Recipe, Aceti Colchici, uncias duas Mellis, uncias quatuor

Misce, et super leni foco, sæpius agitando cochleari ligneo, coque ad mellis spissitudinem. Hujus oxymellis sumat æger cochleare parvulum ter die. Mix, and boil over a slow fire, to the thickness of honey, frequently stirring with a wooden spoon; of this oxymel let the patient take a teaspoonful three times a day.

293.—Recipe, Menthæ viridis foliorum recentium, uncias quatuor Sacchari purificati, uncias duodecim

Folia mortario lapideo contunde, tum adjecto saccharo iterum contunde, donec corpus sit unum. Beat the leaves in a stone mortar, then, the sugar being added, again beat, until they unite into a nass.

294.—Recipe, hujus Confectionis, scrupulos quatuor.

riat bolus statim sumendus, et tertiis horis repe-

endus, urgente ægritudine ventriculi.

Let a bolus be made, to be taken immediately, o be repeated every third hour if the sickness be roublesome.

#### CHAPTER VII.

#### FORMS FOR EXTERNAL APPLICATIONS.

295.—Recipe, Micæ Panis, libram Liquoris Plumbi Diacetatis diluti, quantum sufficit

ut madescat panis. As much as may be sufficien that the bread may be rendered moist.

296.—Recipe, Conii Foliorum exsiccatorum, unciam

Coque ex aquæ octariis duobus cum semisse ad octarios duos, et cola: panni lanei hocce decocto calido madefacti, deinde expressi, parti affectæ imponantur, et sæpius renoventur.

Boil in two pints and a half of water to two pints, and strain: let woollen cloths, moistened in this decoetion, and then wrung out, be applied to the part affected, and frequently renewed.

297.—Vespere utatur pediluvio tepido. Let the patient use the tepid foot-bath in the evening.

298.—Recipe, Unguenti Hydrargyri fortioris, unciam

Hujus unguenti affricetur drachma femoribus internis ante focum singulis noctibus, donec ptyalismus cieatur. Let one drachm of this ointment be rubbed into the inner part of the

thighs every night before the fire, until ptyalism be produced.

299.—Fricetur corpus, horâ decubitûs, aut lanâ vel strigili. Let the body be rubbed, at bed-time, with either a flannel or a brush.

300.—Recipe, Pyrethri Radicis contritæ Mastiches, ana, drachmam

Fiant lege artis, ad ignem, masticatoria duo; teneat æger sæpius in ore, et manducet hujusmodi

medicamentum, exspuatque salivam.

Let two masticatories be made, according to the rules of art, by [the aid of] heat; let the patient frequently hold a medicine of this kind in his mouth; let him chew it, and spit out the

301.—Sufflet æger fauces suas cum vapore ex Neidi Sulphurici unciâ dimidiâ, cui prius ad-

unctæ fuerint Chloridi Sodii unciæ duæ.

Let the patient funigate his throat with apour from half an ounce of sulphuric acid, to hich should first be added two ounces of ehloride f sodium.

302.—Recipe, Picis liquidæ, sesquiunciam Sulphuris sublimati, semiunciam Ceræ flavæ, unciam

ento igne liquefac, ut fiat unguentum.

Melt by a gentle heat, that an ointment may .: made.

303.—Recipe, Olei Olivæ, unciam Ceræ albæ, drachmas duas

Misce. Fiat linimentum, quocum illinantur partes denudatæ bis quotidie.

Mix. Let a liniment be made, with which let

the denuded parts be anointed twice a day.

304.—Inhaletur pulmonibus Ætheris Sulphurici vapor ter quotidie. Let the vapour of sulphuric æther be inhaled three times in a day.

305.—Recipe, Dauci Radicis, quantum sufficit Coque in aquâ ad aptam mollitiem; in pulpam deinde contunde. Boil in water to a proper consistence, then beat into a pulp.

306.—Recipe, Liquoris Plumbi Acetatis diluti, octarium

Lintea quadruplicata, hocce liquore frigido madefacta, partibus inflammatis applicentur, et sæpius renoventur. Let linen, four times folded, and moistened with this cold liquid, be applied to the inflamed parts, and renewed frequently.

307.—Recipe, Magnesii Sulphatis, unciam Juris avenacei, octarium dimidium Olei Olivæ, semiunciam, vel Butyri, quantitatem juglandis

Misce pro enemate statim injiciendo.

Mix, for an enema to be injected immediately.

308.—Exscindatur pars morsa, et postea applicetur vulneri Potassa fusa.

Let the bitten part be cut out, and fused votash afterwards applied to the wound.

309.—Recipe, Pulveris Asari

Veratri, ana, drachmam Glycyrrhizæ, drachmas

fisce. Fiat pulvis, cujus aliquantillum naribus nsuffletur ante decubitum, ad sternutamentum xcitandum. Mix. Let a powder be made, of which let a small portion be snuffed up the ostrils before lying down (i.e. bed-time), to reite sneezing.

- 310.—Inungatur hypochondrio sinistro scrupuis Unguenti Hydrargyri fortioris, undecimâ horâ inte meridiem, et quartâ post meridiem indies. Let a scruple of the stronger mercurial ointment is rubbed into the left hypochondrium at eleven clock in the forenoon, and at four o'clock in the afternoon daily.
- 311.—Recipe, Lapidis Calaminaris, drachmam o conspergantur partes adfectæ, sub quâlibet eligatione. Let the affected parts be sprinkled ith it, under any bandage.
- 312.—Recipe, Liquoris Potassæ, drachmam Aquæ fontanæ, uncias sex

isce. Hujus liquoris tepidi quantum cavo capi

potest, quotidie bis injiciatur in aurem ægran supinatam, ac detineatur per aliquot minuta dein aure pronâ rursus emittatur. Mix. Let a much of this tepid liquor as can be taken by th hollow (the concha and meatus auditorius externus) be injected twice a day into the diseased ear (placed upwards), and let it be kept ther for some minutes; then let it be afterward evacuated, the car being turned downwards.

313.—Recipe, Zinci Oxidi, drachmam

Fiat pulvis, inclusus sindone rarâ; excutiatu super parte excoriatâ, prius detersâ.

Let a powder be made, to be enclosed in finlinen; let it be sprinkled over the excoriated part

first cleansed.

314.—Recipe, Cretæ præparatæ, unciam In partes excoriatas ex gossypio asperge.

Sprinkle it from cotton on the excoriated parts

- 315.—Admoveatur parti adfectæ spongiola aquâ calidâ imbuta. Let a small sponge, wetter with warm water, be applied to the part affected
- 316.—Vesica suilla, aquâ calidâ ad dimidium repleta, admoveatur lateri dolenti; firmetur ligamine, tum superponatur sacculus arenâ calidissimâ plenus, qui frigescens iterum calefiat, aut el mox substituatur alius jam calefactus. Continuentur hæc donec dolor remiserit.

Let a pig's bladder, half filled with warm

rater, be applied to the painful side. Let it be istened on by a band; then let a little bag, lled with very hot sand, be placed upon it, ind) which cooling, is again to be made hot, or it another already made hot be afterwards subituted for it. Let this be continued until the ain shall have abated.

317.—Cataplasma calidum, irroratum prius antillo Spiritûs Camphoræ, applicetur cum panis laneis parti adfectæ, et vesica suilla oleo adefacta detineatur; renovetur quolibet triprio.

Let a hot cataplasm, previously moistened with little spirit of camphor, be applied, by means woollen cloths, to the affected part, and let a g's bladder, moistened with oil, be kept on here); let it be renewed every third hour.

318.—Admoveatur calidum cataplasma parti Fectæ, cum panno linteo quadruplicato.

Let a hot cataplasm be applied to the part rected with linen four times folded.

319.—Recipe, Unguenti Hydrargyri Oxidi rubri Unguenti Resinæ, ana, semiunciam

isce. Fiat unguentum, quo leniter inungatur eus adfectus, ac dein tegatur Emplastro Plumbi per alutam extenso. *Mix. Let an ointment* 

be made, with which let the affected place be slightly anointed, and then covered with lead plaster spread upon leather.

320.—Recipe, Hydrargyri subchloridi, drachmam Adipis Suillæ, unciam

Misce. Super pannum linteum extende, et cuti affectæ applica. Mix. Spread [it] upon linen, and apply [it] to the affected skin.

321.—Hauriatur vapor calidus, ope infundibuli, in fauces. Let hot vapour be drawn into the fauces by means of a funnel.

322.—Recipe, Pulveris Opii, semidrachmam Unguenti Cetacei, unciam

Misce; fiat unguentum. Hujus pauxillo inungatur locus umbilici subinde; aut magnitudo dimidia juglandis nucis, putamine decerpto, eidem loco adponatur. Mix. Let an ointment be made. With a little of this let the umbilical region be anointed now and then; or let a piece half the size of a walnut without its shell be applied to the same place.

323.—Recipe, Linimenti Saponis, unciam Liquoris Ammoniæ, drachmas quatuor Tincturæ Opii, drachmam

Misce. In languore aut paroxysmo hysterico illinatur naribus, temporibus et cæteris, hujus

linimenti paululum. Mix. Let a little of this liniment be rubbed on the nostrils, temples, &c., in languor, or in the hysteric paroxysm.

324.—Recipe, Hydrargyri perchloridi, grana decem

Acidi Hydrochlorici, semidrachmam

Aquæ Rosæ, uncias decem

Misce. Tantillo hujus liquoris laventur mane et vespere partes infestatæ.

Mix. Let the infested parts be washed, morning and evening, with a little of this liquor.

325.—Recipe, Pulpæ Colocynthidis, drachmam Olei Olivarum, unciam

Misce, et coque leni igne, donec pulpa torqueri videatur; dein massam adhuc calentem cola, et cum eâ illinatur abdomen, et præcipuè umbilici regio. Mix, and boil over a slow fire, until the pulp appears to be crisp; then strain the mass while hot, and let the abdomen, and especially the umbilical region, be anointed with it.

326.—Recipe, Zinci Oxidi, drachmam Aquæ Rosæ, uncias octo

Misce. Fiat collyrium, quo concusso imbutum tinteum quadruplicatum imponatur oculo adfecto. Mix. Let a collyrium be made with which, when shaken up, quadruplicate linen is to be noistened and applied to the affected eye.

327.—Recipe, Unguenti Hydrargyri Nitratis, unciam

Cerati Saponis, unciam dimidiam

Misce. Hujus tantillo illinantur palpebræ omni

vespere, cubitum ituro, opc plumæ mollis.

Mix. Let the eyelids be anointed, by means of a soft feather, with a little of this, every evening when the patient is about to go to bed.

328.—Recipe, Tincturæ Cantharidis, unciam dimidiam Linimenti Saponis,

sesquiunciam

Misce. Fiat linimentum, quo partes adfectæ per-

fricandæ sunt, et postea tegantur lanulâ.

Mix. Let a liniment be made, with which the affected parts are to be rubbed; and afterwards let them be covered with flannel.

329.—Recipe, Camphoræ, drachmam Olei Amygdalarum, unciam

Misce, et instilla guttas quatuor auri pro re natâ. Mix, and occasionally let four drops fall into the ear.

330.—Recipe, Extracti Opii, grana decem Tincturæ Castorci, drachmam

Misce, et applicetur paululum auri affectæ omni nocte cum gossypio. Mix, and let a little be applied with cotton to the affected ear every night.

331.—Recipe, Linimenti Saponis, unciam Tincturæ Opii, drachmam

Misce. Fiat linimentum, cum panno laneo faucibus externis applicandum.

Mix. Let a liniment be made, to be applied

with a woollen cloth to the external fauces.

332.—Recipe, Olei Amygdalæ, unciam Camphoræ, drachmam

Misce pro linimento, quocum tangantur papillæ ter quaterve in die.

Mix, for a liniment, with which let the nipples

be touched three or four times a day.

333.—Recipe, Acidi Sulphurici diluti,
drachmam
Liquoris Aluminis compositi,
semiunciam
Aquæ puræ, uncias sex

Probe commisceantur. Indatur nari ex quâ sanguis stillat, turunda ex linteo raso, humectata hoc liquore et relinquenda illic per dies duos.

Let them be well mixed. Let a pellet of scraped linen [i.e. lint], moistened with this liquor, be placed in the nostril from which the blood flows, and left there for the space of two days.

334.—Recipe, Florum Sambuci, libras duas Coque in Aquæ libris quatuor. Foveantur eo decocto, sæpius in die, caput, facies, oculi, aliæque

partes erysipelate tentatæ.

Let the head, face, eyes, and other parts affected with erysipelas, be fomented with this decoction frequently during the day.

335.—Recipe, Decocti Hordei, libram dimidiam Magnesii Sulphatis, uncias duas

Fiat enema, urgente tenesmo injiciendum.

Let an enema be made, to be injected when
the tenesmus is troublesome.

336.—Recipe, Tincturæ Lyttæ, drachmas quatuor Liquoris Ammoniæ, unciam Linimenti Saponis, drachmas duas

Misce; fiat linimentum, quo guttur et postera pars colli perfricanda sunt, donec vesicæ appareant, dein desiste per diem, et applica Unguentum Cetacei.

Mix. Let a liniment be made, with which the throat and posterior part of the neck are to be rubbed until vesicles appear; then desist for a day, and apply spermaceti ointment.

337.—Recipe, Farinæ Lini libram Aquæ bullientis, quantum sufficit

ut fiat cataplasma, admovendum calide loco ad-

fecto; renovetur quater de die; cum arescat, tan-

tillo butyri insulsi emolliatur.

That a cataplasm may be made, to be applied hot to the part affected; let it be renewed four times in the day; when it becomes dry, let it be softened by a little fresh (i.e. unsalted) butter.

338.—Admoveantur lintea aquâ frigidâ madefacta, vel, si fieri possit, glacies, raso capiti.

Let linen wetted with cold water, or, if it can

be done, ice, be applied to the shaven head.

339.—Recipe, Micæ Panis, libras duas Tincturæ Lyttæ, uncias duas Decocti Papaveris, quantum sufficit

ut fiat cataplasma. Applica hoc ad cutem per horæ dimidium, aut tamdiu donec inflammationem satis magnam excitatam dolor fervidus et rubor partis tumentis testentur.

Apply this to the skin for half an hour, or at least until the intense pain and redness of the swollen part show that sufficient inflammation

has been excited.

340.—Recipe, Pulveris Calaminaris, unciam Cretæ præparatæ, semiunciam

Fiat pulvis. Intra linteum consutum applicatur, renovando simul ac maduerit. Let a powder be made. Let it be applied, sewed up in linen, and renewed as soon as it becomes moist.

341.—Recipe, Pulveris Opii, grana quinque Saponis, drachmam

Misce, et fiat suppositorium, post alvum exoneratam applicandum.

Mix, and let a suppository be made, to be applied after the bowels have been evacuated.

342.—Foveantur gingivæ aquâ calidâ.

Let the gums be fomented with hot water.

343.—Recipe, Infusi Rosæ, uncias sex Acidi Sulphurici diluti, drachmam

Misce. Colluantur fauces hoc gargarismate.

Mix. Let the fauces be washed with this gargle.

344.—Recipe, Olei Olivæ, unciam Liquoris Potassæ, drachmas duas

Misce. Fiatlinimentum; hujus pauxillo oblinatur abdomen bis tervè quotidie. Mix. Let a liniment be made, with a little of which let the abdomen be anointed two or three times daily.

345.—Recipe, Magnesii Sulphatis, unciam Tincturæ Opii, guttas viginti quinque Jusculi, semilibram

Fiat enema. Injiciatur horâ somni tertiâ quâque nocte, ad tres vices, dein repetatur alternis noctibus usque ad quartam vicem, si opus sit.

Let an enema be made. Let it be injected

every third night, for three times; then let it be repeated every other night, until the fourth time, if necessary.

346.—Recipe, Unguenti Hydrargyri Nitratis, unciam dimidiam Unguenti Cetacei, unciam

Misce. Hujus unguenti pauxillum, ope penicilli camelini, oculo affecto applicetur nocte et mane. Mix. Let a little of this ointment be applied to the affected eye, by means of a camel's-hair pencil, night and morning.

347.—Recipe, Aluminis, scrupulum Cretæ præparatæ, drachmam

Misce diligentissime, ut fiat pulvis, cujus inspergatur pauxillum super mamillas pro re natâ. Mix very carefully, that a powder may be made, of which let a little be occasionally sprinkled upon the nipples.

348.—Admoveatur Extractum Belladonnæ supercilio et regioni supra-orbitali vespere.

Let the extract of deadly nightshade be applied in the evening to the eyebrow and the supraorbital region.

349.—Recipe, Hydrargyri subchloridi, grana duo Sacchari albi, scrupulum

Fiat pulvis, cujus parum infletur, ope calami, in

oculum affectum, semel vel bis in die.

Let a powder be made, of which let a little be blown into the affected eye, by means of a quill, once or twice in a day.

## 350.—Recipe, Radicis Dauci, libram

Coque in aquæ fontanæ quanto sufficit, et per setaceum trajice pulpam, cui adde unciam dimidiam adipis, ut fiat cataplasma, calidè adhibendum.

Boil in a sufficient quantity of spring-water, and pass the pulp through a sieve, to which [i.e. the pulp] add half an ounce of lard, that a cataplasm may be made, to be applied hot.

351.—Vespere appropinquante, si opus sit,

injiciatur clysma heri præscriptum.

Let the clyster prescribed yesterday be injected the approaching (i.e. next) evening, if necessary.

- 352.—Fiat setaceum ad medium brachium. Let a seton be made in the middle of the arm.
- 353.—Foveantur artus cum Decocto Anthemidis. Let the joints be fomented with decoction of camonile flowers.
  - 354.—Recipe, Conii Foliorum, uncias duas Aquæ ferventis, libras duas

Colatum sit pro fotu, qui cum pannis laneis parti affectæ admoveatur mane horis duabus antequam è lecto assurgat, et nocte post decubitum, donec

symptoma penitus evanuerit.

Let it be strained for a fomentation, which let be applied with woollen cloths to the affected part for two hours in the morning before the patient gets up, and at night after going to bed, until the symptom shall have entirely vanished.

355.—Recipe, Tincturæ Opii, drachmam Linimenti Saponis, unciam

Fiat linimentum, cum quo benè fricentur tempora et detonsum caput. Let a liniment be made, with which let the temples and shaved head be well rubbed.

356.—Inhalet singulis noctibus, in lecto, vaporem aquæ calidæ, cui, tempore usûs, adde cochlearia duo minima Ætheris rectificati. Let the patient inhale the vapour of warm water every night in bed, to which [i.e. the water], at the time of use, add two tea-spoonfuls of rectified ether.

357.—Exploretur vesica urinaria ope catheteris, et extrahatur urina.

Let the urinary bladder be explored by means of the catheter, and let the urine be drawn off.

358.—Colluantur os et gingivæ bis tervè in die eum Tincturæ Myrrhæ guttis viginti in aquæ tepidæ cyatho. Let the gums be washed twice or thrice a day with twenty drops of tincture of myrrh, in a cupful of warm water.

359.—Recipe, Hydrargyri Oxidi cinerei, scrupulum, vel Hydrargyri Sulphureti rubri, semidrachmam

Fiat pulvis pro fumigatione, faucibus internis, omni nocte more solito, adhibendus.

Let a powder be made for a funigation to the internal fauces, to be used every night in the accustomed manner.

- 360.—Fiat fonticulus crure, infra vel supra genu. Let an issue be made in the leg, below or above the knee.
- 361.—Instituatur paracentesis abdominis et educatur aqua. Let tapping of the belly be performed, and let the water be drawn off.
- 362.—Affricetur parti affectæ singulis noctibus Unguenti Hydrargyri fortioris magnitudo fabæ equinæ; deinde applicetur cataplasma e Liquore Plumbi Acetatis diluto, Micâ Panis et Farinâ Lini. Let the size of a horse-bean of strong mercurial ointment be rubbed into the part affected every night; then let a cataplasm of dilute solution of acetate of lead, with crumb of bread and linseed meal, be applied.

363.—Recipe, Argenti Nitratis, scrupulum Aquæ destillatæ, uncias sex

Fiat mistura, et cum hâc illinantur partes affectæ singulis noctibus horâ somni, prius

detersæ; vel linteum in eadem madefiat, et per

totam noctem gestetur.

Let a mixture be made, and with this let the parts affected, first cleansed, be anointed every night at bed-time; or let linen be moistened with the same, and worn during the whole night.

364.—Utatur balneo, ad gradum nonagesimum calefacto, bis in septimana.

Let the patient use twice a week a water-bath

heated to ninety degrees.

365.—Recipe, Fellis Bovini, uncias duas Olei Amygdalarum, semiunciam

Misce. Fiant guttæ acousticæ, bis die applicandæ. Mix. Let the acoustic (i.e. for the ear) drops be made, to be applied twice a day.

- 366.—Utatur æger equitatione subinde, si fieri possit. Let the patient use horse exercise now and then, if possible.
- 367.—Mittatur fistula armata. Let an armed clyster-pipe (i.e. pipe and bladder) be sent.
  - 368.—Recipe, Zinci Sulphatis, scrupulum Aquæ puræ, uncias sex

Misce. Fiat injectio, quæ ex siphone eburneo in

urethram injiciatur mane et nocte.

Mix. Let an injection be made, which let be injected from an ivory syringe into the urethra morning and night.

369.—Recipe, Liquoris Ammonii Acetatis, unciam Ammonii Chloridi, drachmas duas Aquæ, libram

Fiat lotio, nocte, cubitum ituro, tumoribus applicanda. Mitte libras duas cum directione propriâ. Let a lotion be made, to be applied to the tumours at bed-time. Send two pounds, with a proper direction.

370. Fiat fonticulus purulentus ad medium brachium ope Potassæ fusæ.

Let an issue be made in the middle of the arm

by means of fused potash.

371.—Cautè tangantur clavi Acido Sulphurico ope penicilli; dein tegantur Emplastro Plumbi. Let the corns be cautiously touched with sulphuric acid by means of a pencil, then let them be covered over with lead plaster.

### 372.—Recipe, Unguenti Cetacei, unciam Pulveris Opii, scrupulum dimidium

Fiat unguentum, cujus paululum pro re natâ applicetur, urgente ani prurigine. Let an ointment be made, of which let a little be occasionally applied when itching of the anus is troublesome.

373.—Recipe, Linimenti Camphoræ,
sesquiunciam
Tincturæ Cantharidis, unciam
dimidiam

Misce. Fiat linimentum, quocum fricetur pars

affecta ter quatervè indies.

Mix. Let a liniment be made, with which let the part affected be rubbed three or four times in a day.

374.—Recipe, Nicotianæ, drachmam Aquæ communis, octarium

Coque per sextam partem horæ et cola; adde liquori Sodii Sulphatis, uncias duas

Solve, et fiat enema, statim injiciendum, contra insultus apoplecticos vel affectus soporosos adhibendum. Dissolve, and let an enema be made, to be applied immediately, to be used against apoplectic attacks or soporific affections.

375. - Mitte Emplastrum Galbani super alutam inducendum.

Send a galbanum plaster, spread upon leather.

376.—Adhibeatur lavatio, frigida vel tepida,

prout ægro gratius erit.

Let either cold or tepid washing be used, according as it may be more agreeable to the vatient.

377. - Capilli radantur, et caput postea panni-

culo lotione frigidâ imbuto circumdetur.

Let the hair [of the head] be shaved off, and afterwards let the head be surrounded with a cloth moistened with the cold lotion.

# 378.—Recipe, Hydrargyri perchloridi, grana decem

Aquæ puræ, uncias decem

Misce. Hoc liquore, ter de die, injiciatur ulcus, ope siphonis; post singulas injectiones materia relinquatur intra ulcus, et coerceatur per dimidium horæ, clausis omnibus aperturis; tumque externè prematur leniter ulcus, ut liquor ejectus per omnes sinus et meatus propellatur.

Mix. Let the ulcer be injected with this liquor three times in a day, by means of a syringe; after each injection let the matter (liquid) be left within the ulcer, and let it be kept there for half an hour, all the apertures being shut; and then let the ulcer be lightly pressed externally, that the ejected liquor may be propelled through all the sinuses and passages.

379.—Recipe, Decocti Malvæ compositi (cum Fæniculi Seminum contusorum drachmis tribus), uncias quatuordecim

Fiat enema, statim tepidè injiciendum. Let an enema be made, to be immediately injected warm.

380. —Injectionis Morphiæ Hypodermicæ minima sex sub cuticulam injicienda.

Let six minims of hypodermie injection of

morphia be subcutaneously injected.

381.—Inhalet vaporem ex Amyl Nitritis

minimis quinque urgente spasmo.

Let the patient inhale the vapour of five minims of nitrite of amyl when the spasm is severe.

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